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Lancaster Farming

JUL 12 83

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The way they used to do it is the way it's still done on some Lancaster County farms. Here the wheat shocks form a picturesque scene along Rt. 772 south of Brownstown. Grain harvest and making the second cutting hay has been easy in the dry, hot weather. But corn, soybeans and tobacco show definite signs of drought stress as farmers pray for rain.

50-Cent Milk Support Price Cut May Be Cancelled

BY KARL BERGER
Special Correspondent

The widening, worsening drought of 1988 could have one favorable consequence for dairymen. As much of the country, particularly the Midwest Farm Belt, continues to suffer from lack of rain, talk of foregoing the 50-cent milk support price cut tentatively scheduled for January 1, 1989, has risen in the nation's capital.

Wire service reports out of Washington last week indicated Secretary of Agriculture Richard Lyng has told at least one Midwest governor that he no longer favors a price cut even if the size of the milk surplus warrants it. There also are reports that Congress will consider legislation to that effect as well.

If accurate, the reports are the first indication that the powers that be in Washington are reconsidering the policy that, left unchanged, would seem to lead to a repeat of the January 1, 1988, price cut this coming January.

However, lobbyists for the National Milk Producers Federation, a Washington-based trade organization that represents most of the nation's dairy cooperatives, are not celebrating yet. The federation, which in May launched a campaign to avert the cut, is continuing its efforts, according to a spokesman.

"There's a great deal of attention being paid (to the possibility of cancelling the support price cut)

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Convention Sale Prices Down; Grade-Up Debate Begins

Top Bid At $50,000; Sale Average At $6,913

BY PAT PURCELL

SAN DIEGO, CA — The 1988 National Holstein Convention Sale held in San Diego may have topped last year's sale in lot numbers, but was nearly $2,000 below last year's sale average.

"I really believe it was the widespread concern over the drought and the concern over feed prices that may have contributed to the drop in prices this year," said Vice-President of the National Board of Directors, Donald V. Seipt of Easton, PA.

This year's top bid in California was $50,000 compared to the top bid in Indianapolis last year of $140,000. Even 1987's second highest top bid was $100,000. Sale entry numbers were up a bit in 1988 to 130 lots from 126 lots in 1987, but more importantly the sale average for 1988 was down to $6,913 from last year's $8,872.

Taking the top bid in 1988's National Holstein Convention Sale dubbed New Horizons was Bos-Sellers Clete Jet Setter-ET which sold for $50,000 to New Horizons Bull Syndicate #2 of California. Jet Setter-ET sold with an open end A.I. lease available. Consignor was Edmond E. Fellers, Jr. and Tony Bos of Mira Loma, CA.

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Delegate Interviews Reveal Concerns

BY PAT PURCELL

LITITZ (Lancaster) — Although the dust has settled in San Diego since the National Holstein Association bid goodbye to the Pacific Coast, the dust may just be beginning to stir throughout the country on the number one convention topic.

The national delegates have returned home to report to their members on the convention proceedings and while stories and opinions may differ, one message comes across loud and clear: the National Holstein Identification Program Proposal (NIP) is not a dead issue. It is alive. And it will rear its head again, as it has for the past decade, whereever and whenever Holstein breeders gather.

The NIP would permit grade animals to gain entry into the herd book by following the 4-step grade-up program proposal. Although the proposal to change the association bylaws for the grade-up program was defeated at the National Convention by a narrow margin, 126 to 116, many members believe it will come before delegates again for the vote.

(Turn to Page A38)

Dairy Farmers Pack Their Bags For Summer Relief

BY LOU ANN GOOD

MANHEIM (Lancaster) — Pack your suitcases, it's vacation time.

Ask any farmer and he'll tell you that vacationing takes lots of planning and trust in letting someone else care for their dairy herds.

Said Manheim dairy farmer, Dave Martin, "When it comes to vacationing the biggest asset a farmer can have is an extended family. Knowing you can rely upon them makes you feel more comfortable when vacationing."

Joe and Beulah Snavely count themselves fortunate to have a friend who grew up a dairy farm. When they vacation at the shore or at a ski resort during the winter, their friend takes charge of the Snavely's 55 dairy cows on their 100-acre Manheim farm. Beulah said, "We don't worry about a thing when we go. We know we have good reliable help."

Not everyone is so fortunate. Robert and Ruth Kulp did not take even a one day vacation for 16 years. Today, things have changed. Their three sons have grown up and two sons are now farming with them on their 105-acre Manheim farm. "But,"

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Just back from vacationing at their hunting camp in Tioga County, the Martin clan is all smiles. Dan, the family patriarch, said to keep the dairy operation running smoothly, the family often takes shifts by traveling four hours between the cabin and their two adjoining Manheim farms. Pictured from left: Dan and his wife Grace, son David and children, Joshua, Laura, Abigail, Carla, Robbin (Dave's wife) and Melissa.

Livestock market and auction news

Lancaster Livestock Auction

Monday, July 5
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	1404	48	942	643	474
Monday's Auction	1399	75	905	595	507
Last Monday's Auction	783	136	581	716	643
Last Year's Auction	1281	120	755	406	389

AUCTION NOT COVERED - FEDERAL HOLIDAY.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, July 7, 1988

RETURN TO FARM CALVES 105.00-135.00.
GOOD VEAL 90.00-108.00.
COMMON VEAL 60.00-89.00.
CHOICE STEERS 66.00-70.25.
SELECT STEERS 58.00-65.00.
COMMON STEERS 53.00-57.00.
COMMERCIAL COWS 44.00-51.25.
CANNERS-CUTTERS 40.00-47.00.
SHELLS 35.00-39.00.
CHOICE HEIFERS 54.00-68.00.
SELECT HEIFERS 58.000-63.00.
COMMON HEIFERS 48.00-57.00.
GOOD FEEDERS 60.00-84.00.
COMMON FEEDERS 35.00-59.00.
BULLS 48.00-64.00.
GOOD HOGS 44.00-44.25.
SOWS 22.00-28.00.
ROUGHS 20.00-23.25.
LAMBS 50.00-51.00.

Indiana Livestock

Homer City, Pa.
Thursday, July 7
Report supplied by PDA

CATTLE: 253. Compared with last week's market sl. steers 2.00-2.50 higher; sl. cows about steady. Choice steers 65.00-69.50, Select 61.00-65.00; few Select & Choice holsteins 58.00-64.50; Choice heifers 63.50-69.50, few Select 60.00-62.75, few Standard 50.00-55.00; Breaking Utility & Commercial sl. cows 47.00-51.50, Cutter & Boning 44.00-49.00, Canner & Cutter 38.00-44.00; couple YG 1 1330 lb. sl. bulls 54.25 and 1350 lbs. at 57.00, one YG 2 1075 lbs. 52.25.

FEEDER CATTLE: Few Medium & Large 1 310-430 lb. steers 69.00-80 00, 510-825 lbs 58.00-68.00; Medium & Large 2 425-720 lbs. 48.00-60 00, Medium & Large 1 300-410 lb. heifers 61.00-70.00, 450-820 lbs. 50.00-59 50; Medium & Large 2 470-720 lbs 42.00-52 50.

CALVES: 141. Few Choice 101 00-105.00, Good 87.00-99.00, Standard & Good 90-125 lbs. 80 00-95 00, 60-85 lbs. 67.00-84.00; holstein bulls 90-130 lbs 96.00-146.00, heifers 100-130 lbs. 96 00-110.00; Beef Cross bulls & heifers 100-135 lbs. 97.00-116 00

HOGS: 136 50-1.00 higher. US 1-2 215-235 lbs. 45 75-46.00, 1-3 205-245 lbs 44.50-45.75, 2-3 275-310 lbs 36 25-40.50. Sows 1.00-2.00 higher US 1-3 280-610 lbs. 27.00-31.25; 2-3 315-690 lbs 23.25-27.75, few Boars 20 00-22.75

FEEDER PIGS 32. One lot US 1-3 20 lbs. at 11.00 per head, 35-40 lbs 19.00-21.00 per head.

SHEEP: 46. Choice 80-105 lbs. spring lambs 51 25-55.00, sl. sheep 12.50-26.00

GOATS 4. few Medium 30 00-41.00.

Some markets not covered by PDA or USDA due to holiday

Vintage Livestock Auction

Tuesday, July 6, 1988
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1102	992	4	0
Last Tuesday	702	897	6	4
Last Year	1147	760	34	1

CATTLE: COMPARED TO LAST THURSDAY SLAUGHTER STEERS 1.00-1.50 LOWER, INSTANCES 2.00 LOWER EARLY; SLAUGHTER HEIFERS FULLY STEADY; COWS 1.00 HIGHER, INSTANCES 2.00 HIGHER ON CANNER AND LOW CUTTER; BULLS NOT FULLY TESTED. SUPPLY INCLUDED 65% SLAUGHTER STEERS AND 29% COWS.

SLAUGHTER STEERS: CHOICE AND PRIME 2-4 1150-1375 LB 69.50-71.75, COUPLE 72.00-72.25; CHOICE 2-3, FEW 4 1125-1460 LB 67.50-70.25, FEW 70.25-70.75; SELECT AND LOW CHOICE 2-3 1000-1425 LB 64.75-67.50; FEW SELECT 2-3 60.00-64.50; SELECT AND CHOICE 1240-1450 LB HOLSTEINS 58.25-61.75.

SLAUGHTER HEIFERS: CHOICE 2-3 1050-1225 LB 68.00-68.75, 895-960 LB 65.50-67.75; FEW SELECT 2-3 775-950 LB 60.00-64.50.

COWS: BREAKING UTILITY & COMMERCIAL 2-4 BULK 47.50-50.50; COMMERCIAL 3-4 BULK 43.50-46.50; CUTTER & BONING UTILITY 1-3 44.00-45.50, BULK 45.50-50.50, HI DRESSING 51.00-52.75; CANNER & LOW CUTTER LO DRESSING 40.00-44.50, BULK 44.50-47.00.

BULLS: FEW YIELD GRADE 2 1150-2100 LB 55.50-59.50, COUPLE YIELD GRADE 1 1450-1800 LB 63.75-64.25.

VEAL CALVES: VEALERS FULLY STEADY. SUPPLY INCLUDED 676 IN GRADED SALE OF WHICH 54% SOLD TO RETURN TO FARM.

VEALERS: FEW CHOICE 160-385 LB 94.00-104.00; HIGH GOOD AND LOW CHOICE 160-320 LB 73.00-93.00, 80-115 LB 85.00-94.00; STANDARD AND LOW GOOD 60-85 LB 70.00-84.00.

RETURNED TO FARM: 25 HEAD 120-125 LB HOLSTEIN BULLS 125.00, 75 HEAD 110-115 LB 135.00, 100 HEAD 100-105 LB 140.00-150.00, AND 70 HEAD 90-95 LB 134.00-140.00; 75 HEAD SMALL FRAME 100-120 LB 94.00; 25 HEAD 90-105 LB HOLSTEIN HEIFERS 91.50-93.00.

SHEEP. NO MARKET TEST.
GOATS. NO MARKET TEST.

Lancaster Livestock

Lancaster, Pa.
Wed., July 6, 1988

	Cattle	Calves	Hogs	Sheep	Goats
Wed's Receipts	55	18	442	23	39
Wed's Auction	40	19	374	9	0
Last Wed's Auction	36	11	471	0	0
Last Year Auction	127	39	427	3	0

CATTLE: Small supply slaughter steers fully steady; insufficient volume any other class for a market test.

SLAUGHTER STEERS: Choice 2-3 1070-1465 lb 68.75-71.25.

COWS: Cutter and Boning Utility 1-3 46.75-48.75, low dressing 44.75-45.75.

VEAL CALVES: Insufficient volume for a market test.

HOGS: Compared to last Wednesday barrows and gilts weak to 50 lower; sows steady, instances 1.00 lower on weights over 550 lb.

BARROWS AND GILTS: US 1-2 210-250 lb 46.75-47.50. US 1 210-245 lb 47.75-48.25. US 1-3 210-255 lb 46.00-46.75, One lot 198 lb 45.50. US 2-4 225-260 lb 45.00-45.75.

SOWS: US 1-3 300-550 lb 25.00-28.50, 550-650 lb 23.00-25.50.

SHEEP: No market test.
GOATS: No market test.

New Holland Hay

New Holland, PA
Monday, July 4
Report Supplied by Auction

TOTAL LOADS: 44.
ALFALFA: 122.00-150.00, 1 AT 190.00.
MIXED HAY: 110.00-135.00, 1 AT 160.00 & 1 AT 170.00.
TIMOTHY: 105.00-144.00.
OATS: 3.15 BU.
EAR CORN: 126.00-138.00.
GRASS: 80.00.
STRAW: 67.00-86.00.
ORCHARD GRASS: 124 00.

New Holland Livestock

New Holland, Pa.
Thursday, July 7

	Cattle	Calves	Sheep	Goats
Today	1135	630	95	81
Last Thursday	663	590	147	192
Last Year	1331	605	110	88

CATTLE: SLAUGHTER STEERS STEADY TO WEAK; SLAUGHTER HEIFERS STEADY; COWS WEAK TO 1.00 LOWER; SMALL SUPPLY BULLS AND BULLOCKS 2.00-3.00 HIGHER. SUPPLY INCLUDED 57% SLAUGHTER STEERS AND 33% COWS.

SLAUGHTER STEERS: FEW HIGH CHOICE AND PRIME 2-4 1175-1375 LB. 69.75-71.00, COUPLE HEAD 71.25-72.60; ONE LOAD CHOICE AND PRIME 3-4 1425-1650 LB. 68.50-71.00; CHOICE 2-3, FEW 4 1100-1450 LB. 67.75-70.35, FEW 1000-1100 LB. 66.50-68.10; SELECT AND LOW CHOICE 2-3 1050-1275 LB. 64.50-67.50; FEW SELECT 2-3 61.00-64.50; SELECT AND CHOICE 1225-1500 LB. 57.50-61.25, COUPLE PRIME 1500 LB. 66.00.

SLAUGHTER HEIFERS: FEW CHOICE 2-3 985-1175 LB. 63.50-68.00; FEW SELECT 2-3 900-1175 LB. 58.00-63.50.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 BULK 46.00-49.75; COMMERCIAL 3-4 BULK 44.00-46.00; CUTTER AND BONING UTILITY 1-3 LO DRESSING 43.75-46.50, BULK 46.50-50.00, HI DRESSING 50.00-52.00; CANNER AND LOW CUTTER LO DRESSING 38.75-42.00, BULK 42.00-46.00.

BULLOCKS: CHOICE 1-3 1125-1350 LB. 61.50-66.50, FIVE HEAD 67.00-69.50; FEW SELECT 1-2 1000-1275 LB. 58.00-61.50.

BULLS: YIELD GRADE 1 1350-2200 LB. 59.50-63.40, FIVE HEAD 65.00-67.75; YIELD GRADE 2 1000-1550 LB. 57.00-60.50.

VEAL CALVES: VEALERS FULLY STEADY. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: CHOICE 185-320 LB. 86.00-99.00, INDIVIDUAL PRIME 310 LB. 116.00; GOOD TO LOW CHOICE 140-440 LB. 73.00-85.00, 80-120 LB. 88.00-94.00, STANDARD AND LOW GOOD 65-85 LB. 75.00-85 00.

RETURNED TO FARM: BULK 90-130 LB. HOLSTEIN BULLS 130 00-150.00, FEW 150.00-158.00; SMALL FRAME 85-115 LB 92.00-125.00

SHEEP: SPRING LAMBS MOSTLY STEADY; SLAUGHTER EWES FIRM TO 5 00 HIGHER.

SPRING LAMBS CHOICE 75-110 LB 56 00-60.00, FEW 65-75 LB. 62.00-76 00, WITH 10 HEAD 20-55 LB 106.00-136 00.

SLAUGHTER EWES: UTILITY AND GOOD 18 00-32 00, FEW YEARLINGS AND TWO YEAR OLDS 32 00-40 00

GOATS ALL GOATS SOLD BY THE HEAD LARGE 52 00-80 00, COUPLE 93 00-95 00, MEDIUM 32 00-48 00, SMALL 17 00-30 00

Lancaster County Weekly

Lancaster, Pa.
Friday, July 8, 1988

	Cattle	Calves
This Week	3800	1690
Last Week	2235	1619
Last Year	4119	1527

CATTLE: Slaughter steers 1.00 lower, instances 2.00 lower; slaughter heifers firm to 1.00 higher; cows 1.00 higher, instances 2.00 higher on Canner and Cutter; bulls and bullocks 2.00-3.00 higher. Supply included 68% slaughter steers, 5% slaughter heifers, 20% cows, 3% bulls with balance feeders.

SLAUGHTER STEERS: Few Choice and Prime 2-4 1150-1375 lb 69.50-71.50, couple 71.75-72.60; load Choice and Prime 3-4 1425-1650 lb 68.50-71.00; Choice 2-3, few 4 1100-1460 lb 67.50-70.25, few 70.25-70.75; Select and low Choice 2-3 1000-1425 lb 64.50-67.50; few Select 2-3 60.00-64.50; Select and Choice 1225-1500 lb Holsteins 57.50-61.75, couple Prime 1500 lb 66.00.

SLAUGHTER HEIFERS: Choice 2-3 885-1225 lb 65.00-68.75; Select 2-3 900-1175 lb 58.00-64.50.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility and Commercial 2-4 46.00-50.50. Commercial 3-4 43.50-46.50. Cutter and Boning Utility 1-3 43.75-46.00 46.00-50.50 50.50-52.75. Canner and low Cutter 38.75-43.00 43.00-47.00.

BULLOCKS: Choice 1-3 1125-1375 lb 61.50-66.50, five head 67.00-69.50; few Select 1-2 900-1125 lb 58.00-61.50.

BULLS: Yield grade 1 1300-2200 lb 59.50-63.50, eight head 63.75-67.75; yield grade 2 1000-1550 lb 55.50-60.50.

VEAL CALVES: Vealers fully steady, although high Choice and Prime scarce; Demand for Holstein bulls to return to farm.

VEALERS: Choice 160-385 lb 86.00-99.00, couple high Choice and Prime 260-310 lb 104.00-116.00; high Good and low Choice 140-350 lb 73.00-90.00, 80-120 lb 85.00-94.00; Standard and low Good 65-85 lb 70.00-85.00.

RETURNED TO FARM: Bulk 85-130 lb Holstein bulls 125.00-150.00, few 150.00- 158.00; small frame 85-120 lb 92.00-125.00; few 90-105 lb Holstein heifers 91.50-93.00.

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10 00 A M —Goats, Veal Calves Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8 00 A M —Slaughter Hogs
10 00 A M —Slaughter Bulls, Heifers, Steers, Cows
11 00 A M —Veal Calves, Lambs
FRIDAY
11 00 A M —Stocker and Feeder Cattle
SATURDAY
8 00 A M —Slaughter Hogs
Next Graded Feeder Cattle Sale
Fri., July 22 - 11:00 A.M.
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1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

HOG MARKETS

New Holland Feeder Pig Auction

Lancaster, Pa.
Wednesday, July 6, 1988

FEEDER PIGS:

Today	985
Last Wednesday	1978
Last Year	1340

TREND: Compared to last Wednesday feeder pigs under 50 lb firm to 5.00 higher, 50-80 lb weights steady to 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 98 30-39 75.00-86.00. 71 40-49 69 00-78.00. 137 50-59 63.00-69.00. 33 83 59 00

US 2 7 18 92.00. 45 20-29 80.00-90.00. 120 30-39 66.00-76.00. 132 40-49 59 00-72.00. 108 50-59 58.00-65.00. 8 61-75 56.00-57.00. 18 81 53.00-56.00.

US 2-3 21 43 61.00. 10 60 51.00. 31 72-73 49.00-50.00.

State Graded Feeder Pig Sale

at Westminster
Livestock Auction
Friday, July 1, 1988

1045 PIGS- 2 WEEKS AGO 1213; PRICES $5-15 PER HUNDRED LOWER. ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDREDWEIGHT.

GRADE 1: 96 HD. 37-39 LBS 80 00-82.00; 267 HD. 43-47 LBS 73.00-77.00; 136 HD. 50-57 LBS. 69 00-72.50; 35 HD. 64-66 LBS. 69 00-73.00.

GRADE 1-2: 78 HD. 32-39 LBS. 65 00-78.00; 171 HD. 40-49 LBS 64 00-71.00; 149 HD. 51-57 LBS. 58 00-68.00; 62 HD. 62-64 LBS. 60 00-65.00; 7 HD. 75-80 LBS. 59 00-60.00.

GRADE 2: 26 HD. 25-37 LBS. 60 00-69.00.

NEXT SALE FRIDAY, JULY 15TH, 1 30 P.M.

Peoria Hogs

Wednesday, July 6, 1988

PEORIA HOGS OPEN 0.50 DLR LOWER.

PEORIA PRIVATE SOURCES REPORTED BARROWS AND GILTS OPENED 0.50 DLR PER CWT LOWER WITH AN EARLY TOP OF 46.00 COMPARED WITH TUESDAY'S TOP OF 46.50. LIGHT SOWS OPENED 0.50 LOWER AT 34.00 COMPARED WITH TUESDAY'S CLOSE OF 34.50. HEAVY SOWS WERE UNESTABLISHED. THE RUN IS ESTIMATED AT 2,000 HEAD.

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, July 4, 1988
Report Supplied by Auction

580 HEAD.
MARKET TREND: 1.00 LOWER.
WHOLESALE: 45.50-47.50
RETAIL: 48.00-49.00.
SOWS: 22.00-29.00.
BOARS: LILGHT 31.00; HEAVY 21 00.

Midwest Flashes

Thurs., July 7, 1988

Peoria Hogs

2000- BARROWS & GILTS MODERATE, 50-1.00 HIGHER.

US 1-3 220-250 LB. 46.00-46.50.

US 2-3 240-260 LB. 45.50-46.00.

SOWS: UNDER 500 LB STEADY-1.00 HIGHER; OVER 500 LB 3.00-3.50 HIGHER. (17%)

US 1-3 325-400 LB. 33.50-34.50, FEW 35.00; 400-500 LB. 32.00-33.00, FEW 33.50; 500-650 LB. 33 00-33.50.

BOARS· OVER 350 LB 29.00-29.50, 250-350 LB. 28.00-28.50; UNDER 250 LB 29 00.

St. Louis Hogs

HOGS. 3000- BARROWS & GILTS ACTIVE, 50-75 HIGHER.

US 1-3 230-260 LB. 45.50-46.00, BULK 45.75; 200-230 LB. 43.00-45.25.

US 2-3 250-270 LB. 45.00-45 75, 270-300 LB. 42.50-44 50.

SOWS. 300-500 LB. 50-1.00 HIGHER; OVER 500 LB. 1 00-1.50 LOWER. (AROUND 10%)

US 1-3 300-500 LB. 32.50-34.00, OVER 500 LB. 31.00-33.50.

BOARS: OVER 300 LB 29.00; UNDER 300 LB. 27.50-28 00

Indianapolis Hogs

HOGS: 800- BARROWS & GILTS MODERATELY ACTIVE, 75-1.00 HIGHER.

US 1-3 230-255 LB. 46.00-46 50, ABOUT 50 HEAD 46 75.

SOWS· MODERATELY ACTIVE, STEADY. (6%)

US 1-3 425-650 LB. 28.00-32 00

BOARS: OVER 400 LB. 27.00

PIGS

STATE GRADED SALE
FRI., JULY 15
1:30 P.M.
WESTMINSTER
LIVESTOCK AUCTION
Westminster, MD
Now holding 2 sales each month on 1st & 3rd Fridays.
Phone (301) 848-9820 or 301-857-1179

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, July 1 through Thursday, July 7)

CORN

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	342	C	344	342	320
SEPT.	347¼	L	351	348¼	333¼
DEC.	355¼	O	357½	356	341
MAR. 89	355¼	S	358	357	342
MAY	355	E	359	357¼	342¼
JULY	348¼	D	353	351	336

SOYBEANS

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	988½		959	984	934½
AUG.	991½	C	961½	986½	956½
SEPT.	993	L	963¼	983	953
NOV.	985	O	958½	982½	952½
JAN. 89	979	S	952½	971	941
MAR.	972	E	946	966½	936½
MAY	953	D	926	950½	920½
JULY	937		918	936½	906½

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THUR.
AUG.	64.60	C	65 70	64 82	64.75
OCT.	65.42	L	66.40	65 67	65 82
DEC.	68.95	O	69.55	68 80	68 40
FEB. 89	71.62	S	71.87	71.37	70.77
APR.	74.20	E	74.05	73.80	73.22
JUNE	74.50	D	73 97	73 80	73.45

WHEAT

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	400¼	C	389	393¼	378
SEPT.	411	L	400½	406¼	387½
DEC.	421½	O	410½	418¾	398¾
MAR. 89	423½	S	414	420¼	400¼
MAY	413	E	402	406	388½
JULY	385½	D	377	384	364

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	293.50	C	285 20	293.50	279.20
AUG.	291 00	L	282.00	289.70	279.70
SEPT.	287 50	O	277.70	286 80	276.80
OCT.	286 50	S	277.50	284 50	274 50
DEC.	285.20	E	276 20	283.70	273.70
JAN. 89	282 00	D	273.20	279.70	269.70
MAR.	279.00		270 00	274 50	264 50

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	44.82		44.07	44.57	45 40
AUG.	43.77	C	42.80	42.82	43.07
OCT.	41.77	L	41.05	40.95	40.77
DEC.	44 95	O	44.90	44.72	43.70
FEB. 89	49.05	S	49.12	48.92	47.75
APR.	48.67	E	48.60	48.70	47.50
JUNE	53.42	D	54.00	53.85	53 07

FARM BUREAU ACRES

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

This market information provided by ACRES ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers Association Farm Management Services For additional market comments and trading service contact PFA Commodity Futures Service (717) 761 2740

ACRES CORN UPDATE: Corn futures settled slighty lower, lifted from session lows as soybeans rally late in the session. Corn failed to gain in union with beans and wheat gains lack of long liquidation in past sessions. The weather continues to support corn as pollination begins in key growing areas.

ACRES SOYBEAN UPDATE: Soybean futures settled sharply higher following a late rally produced by forecasts calling for hot and dry conditions through the weekend. Temperatures are remaining near record levels. The late rally prompted short covering of previously established positions. Meal also posted sharp gains.

ACRES WHEAT UPDATE: Wheat futures settled up 4 1/2 to 8 1/4 cents on a late rally in the session on agressive buying interest linked to dry weather reports for the midwest through the weekend. The 6-10 day forecast from the National weather Service was expected to show more hot and dry conditions. Selling faded as soybeans began to rally after holding modest losses most of the session.

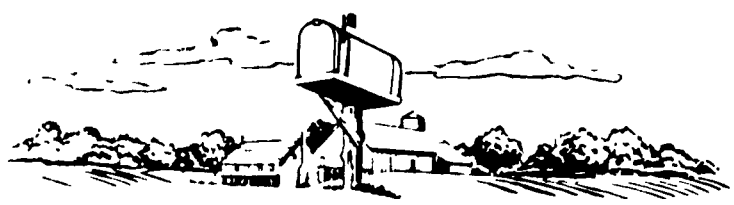
ACRES CATTLE UPDATE: Live cattle futures settled lower and near the lows on ideas recent gains in cash prices will not hold. Packers are thought to have ample inventory for the rest of the week. Futures initially opened mixed trading modestly lower then fell as traders discounted Tuesday's rally. Technical selling came in late to add pressure toward the close. Feeders also closed near session lows pressured by a rally in the grain pits.

CME FEEDER CATTLE SETTLEMENT PRICE: 7/04/88- $70.76 up $ .39.

ACRES NEXT DAY OUTLOOK: cash -steady futures-steady to weak.

ACRES HOG UPDATE: Live hog futures closed mixed as bear

(Turn to Page A18)



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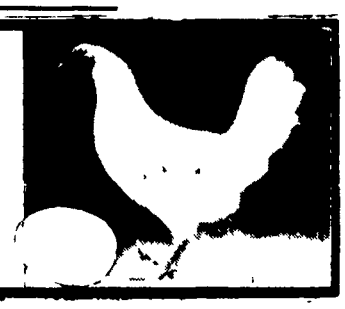
POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, July 5

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	.92-.96	.85-.89	.61-65	39-43
MOSTLY	.94-.95	87-.88	.63-.64	.41-42
R.I.	.95-.99	.88-92	64-68	42-46
MOSTLY	.95	.88	.64	42
VERMONT	.99-1.05	.92-98	68-.75	—
MOSTLY	.99	.92	.68	—
MAINE	.99-1.06	.92-99	68-.75	46-51

New York Egg Market

Tuesday, July 5, 1988

Prices were unchanged. Weekend clearance of cartoned eggs was fair to good and fill-in orders were in a similar range. Floor stocks were generally adequate with a continued tightness on jumbos and extra large. The undertone was fully steady.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .67-69, A LARGE .64-67, A MEDIUM 46-49

National Egg Market

Tuesday, July 5, 1988

NATIONAL EGG MARKET - AT A GLANCE:

Prices increased in the South and on the West Coast; prices were unchanged to higher in New England and parts of the Mid-Atlantic; balance unchanged. The market tone was steady to firm. Both retail and food service demand was fair to good over the holiday weekend, and fill-in orders were mixed. Supplies of the large sizes were short to adequate and the lighter sizes were adequate to fully adequate Breakers watched shell egg markets closely

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Heinsey's Poultry

Roots, East Petersburg

Tuesday, July 5, 1988

Muscovy Ducks, Drakes range 1.70-1.82.
Hens 1.50-1.70.
Pekin Ducks .40-.72.
Pullets 5-9# .18-.44.
Red Fowl: 4-4.5# .15-.28; 5-6# .18-.42.
Crossbred Roosters: 4-6# .20-.88; 7-11# .20-.52.
Crossbred Fowl: 5-9# .15-.32.
Banty Roosters 3.00-6.50 ea.
Banty Hens 1.00-1.75 ea.
Guinea Pigs .50-2.75 ea.
Goats 26.00-48.00 ea.
Kid Goats 18.00-28.00 ea.
Guinea Fowl .85-1.20.
Geese 8-12# .20-.32.
Pigeons 1.25-1.50 ea.
White Pigeons 2.75-4.00 ea.
Rabbits: 4-6# .60-.76; 7-11# .50-.64.
Leghorn Roosters .28-.46.
Leghorn Hens .2-.10.
Bunnies 1.00-2.00 ea.
Doves 3.00-4.50 ea.
Chukars 4.00-4.60 ea.
Silkies 4.50-6.25 ea.
Total Coops Sold 895.

Delmarva Broiler/Fryer Market

Tuesday, July 5, 1988

Demand for ready-to-cook whole birds was generally good, but expected to taper off considerably as the week progresses and pipelines are filled. Supplies were currently clearing well. Demand for parts was moderate to good as dealers replenished stocks following the holiday. Less than trucklot asking prices were 1 cent higher at 69-77 cents. Live supplies were mostly moderate with weights usually desirable. Slaughter schedules were moderately heavy. The undertone was at best steady.

ESTIMATED SLAUGHTER OF BROILER FRYERS IN DELMARVA (000).

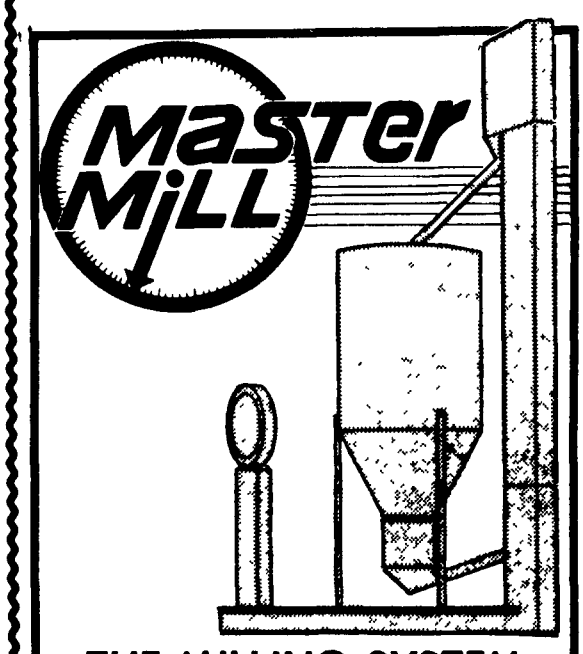
ESTIMATED ACTUAL AVG. WGT ACTUAL AVG. WGT. 7/05 7/01 7/01 6/28 6/24 1,990 2,063 4.32 1,891 4.28

ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG.WGT. 7/4 6/30 6/30 6/27 6/23 * 1,990 4.30 1,941 4.21 *NOT REPORTED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS.

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

7/5 7/4 BRANDED BRANDED U.S. GRADE A U.S. GRADE A RANGE 68-76 HOLIDAY WEIGHTED AVERAGE 72.95 NO. OF BOXES 11,936.



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Weekly New York Egg Market Northeast Quotes

From Fri., July 1 to Thurs., July 7

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.82	C	.82	.83	.85
EX. LARGE	.77	L	77	.78	.80
LARGE	.69	O	69	.70	.72
MEDIUM	.51	S	.51	.53	.55
PULLETS	.43	E	43	.45	.46
OFF GRADE	.57	D	.57	.58	60
BROWN					
EX. LARGE	.82		.82	.84	.87
LARGE	.74		.74	.76	.79
MEDIUM	.58			.60	.63
OFF GRADE					
UNDERGRADES					
AND CHECKS	.28		.28	.29	.29

BREAKING STOCKS: 42-44 LBS. FRI. 28.00-30 00. 48-50 LBS. FRI 36.00-38.00; WED. 37.00-39.00. 50 LBS. UP FRI. 38 00-40.00; WED 39.00-41.00.

Northeast Chicken Parts

Thursday, July 7, 1988

COMMENT: TRADING ACTIVITY WAS LIGHT TO MODERATE AND GENERALLY UNAGGRESSIVE ON MOST ITEMS. CUTLETS WERE ADEQUATE AND IN GOOD OVERALL BALANCE FOR THE LIGHT TO FAIR DEMAND. SUPPLIES OF WHOLE BREASTS WERE LIGHT BUT SUFFICIENT TO SATISFY MOST BUYERS' NEEDS AND MANY WERE LIMITING RECEIPTS TO STANDING COMMITMENTS. LEGS WERE ADEQUATE TO FULLY ADEQUATE AND IN BETTER BALANCE THAN LEG QUARTERS, WHICH WERE READILY AVAILABLE AND TRADING AT LOWER LEVELS. WINGS MET A GOOD STEADY CALL FROM BUYERS AND CLEARANCES WERE WELL-MAINTAINED AT MOSTLY UNCHANGED PRICES.

SKINNED BONELESS BREASTS 2 50.
RIBS ON BREASTS 1.25-1 26.
LINE-RUN BREASTS 1.23-1 25.
LEGS .52-.53.
LEG QUARTERS .39-.40.
WINGS .61-62.
BACKS AND NECKS 11-.12.
LIVERS .10-.15.
GIZZARDS .25-.30.

PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES: CURRENT ITEM NEGOTIATED TRADING* WEIGHTED AVG.** VOLUME/LBS. BREASTS SKINNED BONELESS 250 255.80 133,200 RIBS ON 125-126 126.35 181,800 LINE RUN 123-125 125.11 97,200 LEGS 52-53 58.28 223,200 LEG QUARTERS 39-40 41.30 315,000 WINGS 61-62 62.67 221,400 BACKS & NECKS 11-12 10.44 16,200 LIVERS 10-15 15.63 14,400 GIZZARDS (HEARTS) 25-30 31.44 16,200.

*TODAY'S NEGOTIATED SALES AS OF 11:30 A.M. **WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED FROM PROCESSORS AS OF 2:00 P.M DAY OF REPORT (INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT AND RHODE ISLAND).

New England Shell Egg

Tuesday, July 5, 1988

Report Supplied by PDA

Prices were unchanged to higher on all cartoned sizes, balance unchanged. Trade sentiment was fully steady to firm. Both cartoned and loose egg movement over the holiday weekend was good, and today's orders were also good. Supplies of brown and white heavy eggs were short to adequate and mediums were barely adequate to adequate.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN:

RANGE JUMBO .77-.80; EX LARGE 66-.69; LARGE .59-62; MEDIUM .35-.38; SMALL .13-.16.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .85-.87; A LARGE .78-.80, A MEDIUM 54-.56.

Philadelphia Eggs

Thursday, July 7, 1988

Report Supplied by USDA

MARKET COMMENT: ALL PRICES WERE UNCHANGED TO HIGHER. TRADE SENTIMENT WAS FIRM. DEMAND CONTINUED FAIR TO GOOD AND SOME RETAIL SPECIALS WERE PLANNED FOR NEXT WEEK. SUPPLIES OF E XTRA LARGE WERE SHORT, LARGE WERE BARELY ADEQUATE TO ADEQUATE AND MEDIUMS WERE GENERALLY ADEQUATE.

PRICES TO RETAILERS: SALES TO VOLUME BUYERS, CONSUMER GRADES WHITE EGGS IN CARTONS DELIVERED STORE DOOR:

A EXTRA LARGE .63-.70; A LARGE 61-.68; A MEDIUM .43-.50.

New York and Phila. Frozen Egg Report

Friday, July 1, 1988

Prices continued to edge higher. The market tone was generally steady on whites, fully steady to firm on the balance. Buyers actively inquired about prices for future deliveries. Floor stocks were adequate. Shell egg costs stabilized somewhat; however, offerings remained limited.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 43-46 MOSTLY 43-44 47-50 BLENDS (/) - - 48-60 WHITES 32-34 MOSTLY 32-33 35-40 YOLKS (MIN. 43% SOLIDS) SUGARED 52-56 MOSTLY 54-55 57-65 SALTED 51-55 MOSTLY 53-54 - (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.
CLB 0951E AH

Hackettstown Poultry & Egg

Hackettstown, N.J.

Tuesday, July 5, 1988

Report Supplied by Auction

HEAVY FOWL .70.
LEGHORN FOWL .10-.30.
BROILERS .35-.40.
GEESE .30-.65.
ROOSTERS .55.
BUNNIES (EACH) .25-1.75.
RABBITS .85-1.25.
PIGEONS 1.90.

EGGS
GRADE A
WHITE
JUMBO X LGE. .48-.78; LARGE .25-.71; MEDIUM .23-.35.
BROWN
JUMBO X LGE. .79-.87; LARGE .64-.73; MEDIUM .35-.50; SMALL 32.

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NEW

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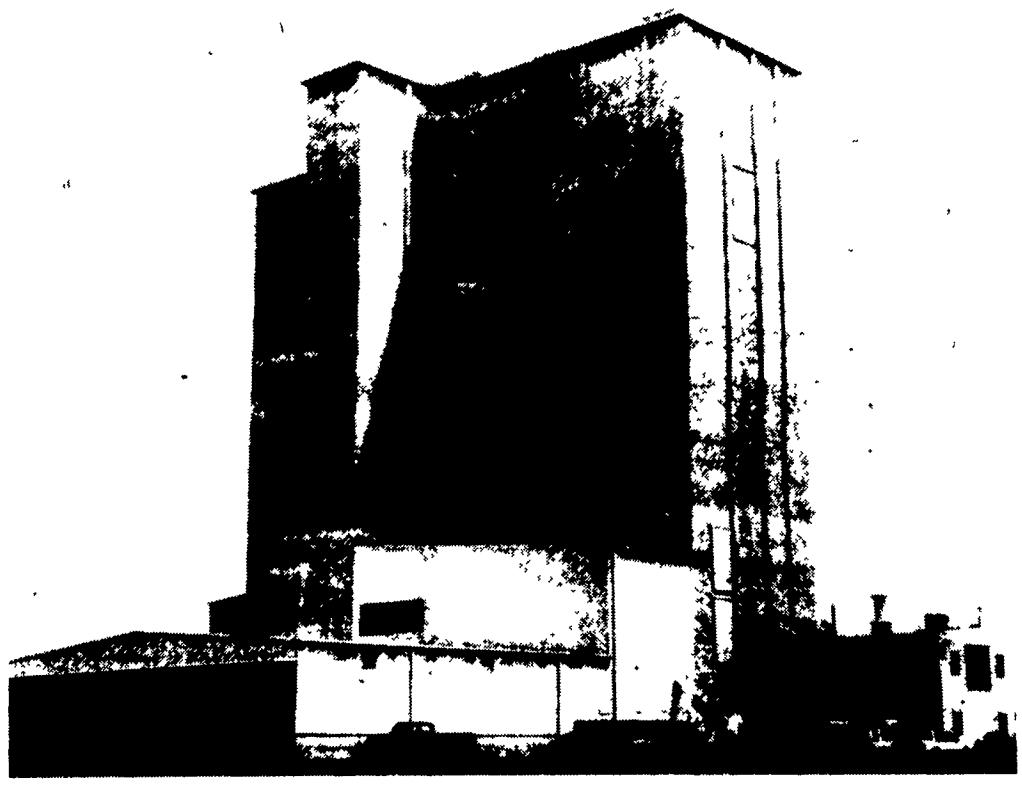
Mt. Joy Mill Formula Flexability

Pennfield's new Controlled Degradability Rations can be used to formulate a PFR- **P**recision **F**ormulated **R**ation - specifically balanced to your forage program. Save feed $ on dairy rations with protein levels from 16% to 36%.



Customer Satisfaction Guaranteed

New 36% C.D. is a pelleted dairy concentrate which is coated with sweet cane molasses to insure palatability. If you are not satisfied with the **Quality** - **Value** - **Performance** of this feed or any Pennfield Dairy Feed, call us and we will come pick the feed up and refund your money for the feed returned.

Mt. Joy Mill - Built To Meet YOUR Needs

FEED PRICES FOR WEEK OF JULY 4 AND SUBJECT TO CHANGE WEEKLY WITH GRAIN MARKET

Includes 8 ton volume discount and cash discount of 2½ % due 15th following month. Deduct additional $3.00 per ton if paid in 10 days.

#52114	#51300	#50800	#51100	#53300 Pellet	#52700
14% Dairy Pellet	16% Dairy Pellet	16% Golden Flake	Summertime 16% Flake With Beet Pulp	32% Dairy Conc.	27% Maximum Density Beans-Beet Pulp Conc.
$180.23 Net/Ton	**$189.20** Net/Ton	**$198.33** Net/Ton	**$202.61** Net/Ton	**$302.84** Net/Ton	**$319.49** Net/Ton

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HAY MARKETS

Pa. Grain

Friday, July 1, 1988
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN VERY UNEVEN, .20 LOWER TO .50 HIGHER; WHEAT STEADY TO .40 HIGHER; BARLEY UNEVEN, .10 LOWER TO .25 HIGHER; OATS MOSTLY STEADY TO .30 HIGHER; SOYBEANS .10 TO .60 LOWER; EAR CORN UNEVEN, MOSTLY STEADY TO $15 HIGHER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 3.50-3.85, FEW REPORTED 3.40, AVERAGE 3 66; *CONTRACT FOR HARVEST 3.50-3.72; @WHEAT NO. 2 RANGE 3.60-4.00, AVERAGE 3.78, BARLEY NO. 3 RANGE 2.20-2 40, AVERAGE 2.35; OATS NO. 2 RANGE 2.10-2.55, FEW REPORTED 3 00, AVERAGE 2 47, *CONTRACT FOR HARVEST 2.10-2.75, SOYBEANS NO. 1 RANGE 9.25-9.87, AVERAGE 9.60, *CONTRACT FOR HARVEST 9.25-9.65; *GR. SORGHUM #2 RANGE 3.60, AVERAGE 3.60, *CONTRACT FOR HARVEST 3.60; BUCKWHEAT *CONTRACT FOR HARVEST 8.40; EAR CORN RANGE 95.00-110 00, AVERAGE 101.58.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 3.15-3.85, AVERAGE 3.51; @WHEAT NO. 2 RANGE 3.20-3.70, FEW REPORTED 4.00, AVERAGE 3.49; BARLEY NO. 3 RANGE 2.05-2.40, FEW REPORTED 2.60, AVERAGE 2.29; OATS NO. 2 RANGE 1.90-2.75, AVERAGE 2 30; *SOYBEANS NO. 1 RANGE 9.40; AVERAGE 9.40; EAR CORN RANGE 80 00-100.00, AVERAGE 90.83.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 3.25-3.85, AVERAGE 3.58; @WHEAT NO. 2-Y RANGE 3.20-4.00, AVERAGE 3.62; BARLEY NO. 3 RANGE 2.10-2.50, AVERAGE 2.32; OATS NO. 2 RANGE 1.90-2.75, AVERAGE 2.34; SOYBEANS NO. 1 RANGE 9.25-9.90, AVERAGE 9.58; EAR CORN RANGE 80.00-110.00, AVERAGE 95 64

CENTRAL PENNSYLVANIA

CORN NO. 2-Y 3 25-3 80, AVERAGE 3.52; @WHEAT NO 2 3 25-3 60, AVERAGE 3.47; BARLEY NO 3 2 10-2 50, AVERAGE 2 28; OATS NO 2 1 85-2 95, M 2.00-2.50, AVERAGE 2 29, SOYBEANS NO. 1 9.00-10.00, AVERAGE 9.58; EAR CORN 80 00-97.00, AVERAGE 90 31

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 3.20-3.80, FEW REPORTED 3.00, AVERAGE 3.41; @WHEAT NO. 2-Y RANGE 3 00-3.65, AVERAGE 3.35; BARLEY NO. 3 RANGE 1.76-2.10, AVERAGE 1.95, OATS NO. 2 RANGE 2 00-2 50, FEW REPORTED 2.80, AVERAGE 2 30, SOYBEANS NO. 1 RANGE 9.40, AVERAGE 9.40; EAR CORN RANGE 80.00, AVERAGE 80 00

YEAR AGO

CORN NO. 2-Y AVERAGE 1 91, @WHEAT NO. 2-Y AVERAGE 2.49; BARLEY NO. 3 AVERAGE 1.30; OATS NO. 2 AVERAGE 1 37; SOYBEANS NO 1 AVERAGE 5.56; EAR CORN AVERAGE 55 75

MONTH AGO

CORN NO. 2-Y AVERAGE 2.47, @WHEAT NO 2-Y AVERAGE 3 09, BARLEY NO. 3 AVERAGE 1 66, OATS NO. 2 AVERAGE 1 88; SOYBEANS NO. 1 AVERAGE 7.98; EAR CORN AVERAGE 68.97

Regional Hay

July 5, 1988
Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (ALL HAY NO. 2 & BETTER PRICES PAID BY DEALERS AT THE FARM & PER TON.) HAY ACTIVE, STRONG $15 HIGHER. DEMAND GOOD FROM OUT-OF-STATE; STRAW STEADY TO WEAK.

ALFALFA 90.00-115, FEW TO 75.00; MIXED HAY 65.00-90, FEW TO 110.00; TIMOTHY 60.00-75, FEW TO 100.00; STRAW 40.00-70.00; MULCH 30.00-35.00.

LANCASTER CO. HAY AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 7/1/88. PRICES PER TON: LOADS: 120 HAY, 61 STRAW, AND 48 EAR CORN.

ALFALFA 93.00-129.00; MIXED HAY 69:00-125.00; TIMOTHY 74.00-122.00; STRAW 58.00-80.00; EAR CORN 108 00-128.00.

CENTRAL PA. HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 7/1/88. PRICES PER TON: LOADS: 40 HAY, 7 STRAW & 7 EAR CORN.

MIXED HAY 46.00-82.50; STRAW 40.00-72.50, EAR CORN 100.00-110 00

Dewart Hay

Dewart, PA.
Monday, July 4, 1988
Report Supplied by Auction

TOTAL LOADS: 4 LDS. HAY, 40.00-60.00.

STRAW: 1 AT 71.00

Green Dragon Hay

Ephrata, Pa.
Friday, July 1, 1988
Report Supplied by Auction

TOTAL LOADS: 83.
ALFALFA: 93.00-123.00.
MIXED HAY: 82.00-157.00.
TIMOTHY: 90.00-122.00.
CLOVER: 101.00.
OAT HAY: 82.50.
OATS: 2.60-3.20 BU.
EAR CORN: 113.00-127.00.
GRASS: 69.00.
STRAW: 58.00-75.00.

Good's Hay

Leola, Pa.
Wed., July 6, 1988
Report Supplied by Auction

TOTAL LOADS: 68.
ALFALFA: 107.00-144.00.
MIXED HAY: 80.00-156.00.
TIMOTHY: 98.00-110.00.
CLOVER MIX: 122.00.
NEW SEEDING MIX: 131.00.
OATS: 3.15-3.30 BU.
EAR CORN: 124.00-132.00.
STRAW: 69.00-88.00.

HOSTETTER PORK

Wanted To Buy Crippled and Disabled Sows and Boars
Hogs Slaughtered For Federal Inspection
PHONE 717-274-7609

Seeking Profits In Commodities Trading?

- Hedging
- Speculating
- Managed Account
- Commodity Options

Call Forney Longenecker, Commodities Investment Executive, At (717) 295-8914

SHEARSON LEHMAN HUTTON
29 E. King St.
Lancaster, PA 17603

SHEARSON LEHMAN HUTTON

HERE TO STAY!
MAKE 1988 THE YEAR TO GET ACQUAINTED WITH NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

DAIRY **11:00 A.M.** COWS

HEIFERS, BULLS

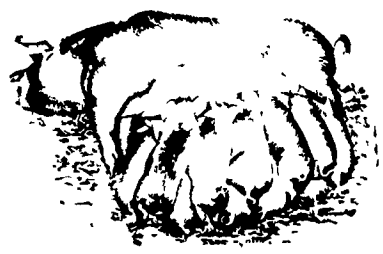
NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538

Field Representatives
Alan Diffenbach 717-354-3297
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE



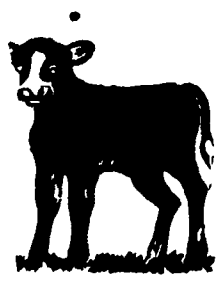
We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

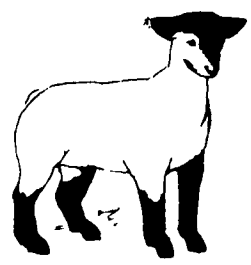
THURSDAY
10:00 AM

BULLS -

STEERS - BEEF COWS

1:30 P.M.

CALVES 



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

National Grain Market

St. Joseph, Mo.
Tuesday, July 5, 1988

CASH GRAINS AND SOYBEANS CLOSED MIXED. WHEAT MARKETS DECLINED UNDER HARVEST PRESSURE. CORN MARKETS FIRM AS DRY WEATHER CONTINUES TO DAMAGE CROP PROSPECTS. HIGH 90 TO 100 DEGREE TEMPERATURES EXPECTED THIS WEEK WITH NO MOISTURE IN THE FORECAST. SOYBEANS SHARPLY LOWER, PRESSURED BY WEAKER SOYBEAN MEAL AND OIL MARKETS.

EXPORT NEWS: SRI LANKA BOUGHT 98,000 TONNES OF U.S. NO. 2 SOFT RED WINTER WHEAT, UNDER PL480 FOR JLY/SEP SHIPMENT. SALES OF 100,000 METRIC TONS OF CORN TO UNKNOWN DESTINATION FOR 87/88. TAIWAN BOUGHT 108,000 TONNES OF U.S. NO. 2 YELLOW CORN FOR AUG/OCT SHIPMENT. SOUTH KOREA'S CORN PROCESSORS INDUSTIRES ASSOC. BOUGHT 50,000 TONNES OF U.S. NO. 2 YELLOW CORN FOR AUG/SEP SHIPMENT.

GRAINS INSPECTED FOR EXPORT FOR THE WEEK ENDING 6/30/88: WHEAT TOTALED 30.0, UP 1.1 MILLION BUSHELS, CORN TOTALED 28.8, DOWN 4.1 MILLION BUSHELS, AND SOYBEANS TOTALED 7.4, UP 5.1 MILLION BUSHELS COMPARED TO A WEEK AGO.

DATE CHANGE YEAR AGO 07/05/88 07/01/88 07/07/87 WHEAT: KANSAS CITY 3.83-3.85 DN 8 2.63-2.65 MINNEAPOLIS 4.38 DN 7 3.04 PORTLAND 3.96-4.00 DN 1-2 2.80-2.83 ST. LOUIS 3.53-3.57 DN 9-12 2.59-2.63.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 3.22-3.28 UP 4 1.71-1.77 MINNEAPOLIS 3.01 UP 5 1/4 1.67 1/4 ,SO. IOWA 3.01-3.16 UP 9-7 1/2 1.78-1.79 OMAHA 3.12-3.13 UP 4-3 1.64-1.65.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 9.17-9.37 DN 25-30 5.40-5.45 MINNEAPOLIS 9.05 1/2 DN 27 5.47 SO. IOWA 9.05-9.16 DN 29-28 5.56-5.58 C. ILL. PROCESSORS 9.10 1/2-9.36 1/2 DN 30-30 1/2 5.52-5.63.

*KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 2 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (SEP) WHEAT 3.97 1/4 DN 7 3/4 2.65.

MINNEAPOLIS (SEP) WHEAT 4.24 DN 13 1/2 2.67.

CHICAGO (SEP) WHEAT 4.00 1/2 DN 10 1/2 2.73 1/2.

(SEP) CORN 3.51 UP 3 1/4 1.79 1/4.

(AUG) SOYBEANS 9.61 1/2 DN 30 5.50.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO.1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.21 DN 8 2.91 1/2-2.92 NO.2 SOFT RED WINTER WHEAT 3.85-3.98 DN 19-10 2.76-2.80 NO.2 YELLOW CORN 3.60-3.69 NC-UP 2 1.92 1/4-2.01 NO.2 YELLOW SORGHUM RAIL 5.98 DN 9 BARGE 5.98 DN 11 3.36-3.41 NO.2 YELLOW SOYBEANS 9.71-9.73 DN 31-30 5.74-5.85.

Westminster Hay

Westminster, Md.
Tuesday, July 5, 1988
Report Supplied by Auction

TOTAL LOADS: 3 LDS HAY.
TIMOTHY & TIMOTHY MIX: 1.40-1.90 BALE.
STRAW: 1 LD. BARLEY STRAW, 1.45 BALE.
STRONG DEMAND FOR HAY AND STRAW.

King's Hay

Kirkwood, Pa.
Tuesday, July 5, 1988
Report Supplied by Auction

TOTAL LOADS: 10.
ALFALFA AND ALFALFA MIX 86.00-96.00.
GRASS HAY: 84.00-92.00
TIMOTHY: 130.00.
EAR CORN: 119.00.
CORN FODDER: 60.00.
STRAW: 1 AT 91.00, PICK-UP LD AT 51.00.

Leinbach's Hay

Shippensburg, PA
July 2 & 5
Report supplied by Auction

TOTAL LOADS: 14.
ALFALFA: 72.00.
MIXED HAY: 78.00-80.00.
CLOVER: 81.00.
EAR CORN: 131.00-146.00.
GRASS: 49.00-82.00.
STRAW: 38.00.

Belleville Hay

Wednesday, June 29
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 18 LDS. HAY.
ALFALFA: 100.00-122.00.
MIXED HAY: 85.00-100.00.
TIMOTHY: 92.50-130.00.
EAR CORN: 2 AT 145.00-147.50.
STRAW: 1 AT 105.00.

North Jersey Market

Hackettstown, N.J.
Tues., July 5, 1988
Hay—Straw & Grain Report

MIXED 1.50 BALE.

Some markets not covered by PDA or USDA due to holiday

Martin's Hay

Coatesville, PA
Wed., July 6

ALFALFA: 145.00-175.00.
MIXED HAY: 105.00-110.00.
TIMOTHY: 100.00-113.00.
STRAW: 75.00-90.00.

Keister's Hay

Middleburg, PA
Tuesday, July 5
Report supplied by auction

TOTAL LOADS: 8 LDS. HAY.
MIXED HAY: 65.00-105.00.
OATS: 2.50 BU.
EAR CORN: 120.00 AND 145.00.

Belknap Livestock Auction

Dayton, Pa.
Wednesday, July 6, 1988
Report Supplied by PDA

CATTLE 82...PDA...Compared with last Wednesday's market: Few Breaking Utility and Commercial sl. cows 47.75-49.25, couple 50.75&51, Cutter and Boning Utility 42.50-47.75, couple High dressing 50&50.25, Canner and Low Cutter 38.50-43.25, Shells down to 34.50. Standard sl. bullock 54.25. Couple Yield Grade No. 1, 1195/1485 lbs. sl. bulls 54.00&56.75. Feeder Cattle: Medium & Large Frame No. 1, 570/845 lbs. steers 57.25-65.75, Med. & Large #2, 440/845 lbs. 49.00-60.25. Medium Frame #1-2, 425/745 lbs. heifers 49.50-54.75.

CALVES 128...Couple Choice vealers 100.00&102, couple Good 94.50&98.50, Standard and Good 90/120 lbs. 83.00-98.00, 60/85 lbs. 72.00-92, Utility 50/130 lbs. 50.00-70.00. Farm Calves: Holstein Bulls 90/135 lbs. 100.00-151.00. Beef cross bulls & heifers 60/130 lbs. 80.00-104.00.

HOGS 127...Barrows and gilts mostly steady. Lot US No. 1-2 253 lbs. 45.80, 1-3 220/260 lbs. 44.00-44.85, 2-3 220/270 lbs. 42-43.90, lot 1-3 207 lbs. 42.50. Sows about steady. US No. 1-3 385/530 lbs. sows 26.75-30.50, few 2-3 380/510 lbs. 22.00-25.50. Boars 20.00-22.25.

FEEDER PIGS 75...US No. 1-3 15/30 lbs. feeder pigs 8.00-16.00, 35/50 lbs. 17.00-24.00, 50/65 lbs. 24.00-31.00 --- all per head.

SHEEP 4...Few Choice 90/95 lbs. spring slaughter lambs 52.00-55.00.

GOATS 31...Few Large 42.00-61.00, Medium 18.00-41.00, Kids 5.00-15.00 --- all per head.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, July 6, 1988
Report Supplied by PDA

CATTLE 90...PDA...Compared with last Wednesday's market: Slaughter cows $2.50 to $3 higher. Couple Choice holstein steers 62.00&63.75, one Select 58.75. Choice holstein heifer, one 61.00. Breaking Utility and Commercial slaughter cows 48.00-51.75, Cutter and Boning Utility 46.75-50.75, Canner and Low Cutter 41.00-46, Shells down to 38.00. Few Yield Grade No. 2, 730/1100 lbs. sl. bulls 45.00-55.60.

CALVES 120...Choice vealer, one 94.00, Standard and Good 70/100 lbs. 88.00-98.00, few Utility 60/90 lbs. 76.00-85.00. Farm Calves: Holstein Bulls 90/125 lbs. 97.00-146, one 149.00.

HOGS 142...Barrows and gilts steady to weak. US No.1-2 215/245 lbs. 47.10-48.10, No. 1-3 230/265 lbs. 45.35-46.75, one lot 1-3 199 lbs. 43.25. US No. 1-3 330/530 lbs. sows 24.50-29.50, few 2-3 480/640 lbs. 20.00-22.00. Few Boars 22.00-29.00.

FEEDER PIGS 150...US No. 1-3 35/65 lbs. feeder pigs 18.50-28.50, one lot 100 lbs. 40.00 --- all per head.

SHEEP 6...Few Choice 30/90 lbs. spring slaughter lambs 45.00-54.00.

GOATS 15...Few Large 33.00-51.00, few Kids 22.00-27.00 -- all per head.

HOLSTEIN DAIRY COWS $550.00-$1100.00 --- PER HEAD.

FEED INGREDIENTS

We Want To Help You Reduce Your Feed Costs

WE SUPPLY
- 48% SOYBEAN MEAL
- ROASTED SOYBEANS
- DRIED CORN DISTILLERS
- MIXES

Call Us Today...

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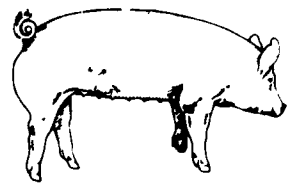
Marietta PA 17547



EMERY'S BUYING STATION

OPEN TO RECEIVE YOUR MARKET HOGS
AT THE GREEN DRAGON MARKET
RD 4, EPHRATA, PA 17522
1 MILE NORTH OF EPHRATA ON NORTH STATE STREET.

HOURS: MONDAY, TUESDAY, and WEDNESDAY 7:00 A.M. to 11:30 A.M.

215-458-5677 Residence
717-733-9648 Office

YOU ARE PAID FOR YOUR HOGS IMMEDIATELY

Ken & Lois Emery, Proprietors

HAND MADE PICNIC TABLES
Pressure Treated - Built To Stand Hard Use!

LARGE SELECTION
LOW PRICES

BOWMAN'S STOVE SHOP
906 E. Main St.
Ephrata, PA 17522
One Mile East of Ephrata
On Rt. 322 Just Off Rt. 222
Tues & Wed. 10-6; Thurs. & Fri 10-8, Sat. 10-4,
Closed Mondays
(717) 733-4973

KING'S AUCTION
KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road at Rouse Tobacco Station.
Lloyd H. Kreider, Auctioneer
AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

HAY & STRAW SALE
12 Noon Every Wednesday
CHANGE OF LOCATION STARTING MAY 25
Located Gum Tree area. Going south on 41, at Cochranville turn left, one block turn right, go about 5 mi. on the right hand side. Watch for sale signs.
Harvey Z. Martin
215-383-6686 (Office)
215-445-5303 (Residence)

ATTENTION FARMERS

EVERY MONDAY
HATFIELD PACKING CO. and
MOYER PACKING CO.
Will Receive Your
Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Green Dragon Livestock Sales

Location: Ephrata RD 4, 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY
Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.
11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.
For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.
WALTER H. RISSER, Proprietor
All out of state and new buyers must have cash or certified check or current letter of credit from bank.

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THE OLD FARMER'S ALMANAC

JULY 11-17, 1988

Rains rinse the heavy air away.

Temperature of 118°F recorded at Bennett, Colo, July 11, 1888 Henry David Thoreau born in Concord, Mass, July 12, 1817 New moon July 13 (Wed) Bastille Day July 14 District of Columbia established and Washington made the permanent capital of the US July 16, 1790 Average length of days for the week 15 hours. Aerial walkways collapsed at Kansas City s Hyatt Regency Hotel, killing 114 people, July 17, 1981 *Little things will grow in peace, but great things waste away in discord*

Ask the Old Farmer: I have a porcelain top kitchen table with two pull-up leaves The leaves have a nice sheen to them, but the tabletop has dulled from years of cleaning Can I treat the table to get a shinier finish? A E, Pittsburgh, Pa *Apply a coat of good automobile wax That should produce a shine equal to the inserts*

Home Hints To remove chewing gum that has stuck to clothing freeze the fabric remove as much of the gum as possible then daub with egg white to loosen the remainder and scrape carefully

OLD FARMER'S WEATHER FORECAST

New England: Week begins with showers and warm temperatures, partly cloudy and cool mid through end of week

Greater New York-New Jersey: Beginning of week clear and mild, midweek rain, end of week hot

Middle Atlantic Coastal: Clear and hot at beginning of week, cool and rainy mid through end of week

Piedmont & Southeast Coastal: Week begins with showers and warm temperatures, mild temperatures midweek, heavy rain at end of week

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Lebanon Valley Livestock Auction

Fredericksburg, Pa.

Tuesday, July 5, 1988

Report Supplied by PDA

CATTLE 147...PDA...Compared with last Tuesday's market: Slaughter cows mostly strong to $2 higher. Few Choice 2-4 1075/1255 lbs. sl. steers 66.75-68.75, few Select 61.25-67.25, Select & Choice 1125/1605 lbs. holsteins 58.00-64, few Utility & low Standard 49.00-51.00. One Choice sl. heifer 57.75, two Select holsteins 55.00&57.25, one Standard 46.00, one Utility 44.00. Breaking Utility & Commercial sl. cows 49.00-50, few 53.25, Cutter & Boning Utility 46.75-49.75, few 55 25, Canner & Low Cutter 42.00-46.75, Shells down to 35.00. Few Standard sl bullocks 52.75-59.50. Few Yield Grade No. 1, 1145/1395 lbs. sl. bulls 61.00-65 00.

CALVES 223...Vealers unevenly steady. Few Choice 95.00-105.00, few Good 72.00-89, Standard and Good 90/125 lbs. 90 00-96, 70/85 lbs. 70.00-87, Utility 40/100 lbs. 39.00-62, few to 80.00. Farm Calves: Hol. Bulls 90/135 lbs. 94 00-139.00. Few Beef cross bulls and heifers 85/100 lbs. 99.00-111 00.

HOGS 114...Barrows and gilts small supply mostly $2 higher US No. 1-2 210/240 lbs 46.75-47.10, 1-3 205/235 lbs 46.35-46.85, 1-3 130/165 lbs. 31.00-36, few to 48.00 US No. 1-3 290/545 lbs sows 27.00-35, two 2-3 445/635 lbs 25 00&25 50 Few Boars 25.00-30 00

FEEDER PIGS 10 .US No. 1-3 35/50 lbs feeder pigs 62 00-75 00 per hundredweight Lot Utility 15 lbs 10 00 per head

SHEEP 37 . Choice & Prime 25/55 lbs spring slaughter lambs 60.00-75, 55/90 lbs 56 00-60, one Choice 15 lbs 100 00 Slaughter sheep 15 00-21 00, few Yearlings and two year olds 28 00-45 00.

GOATS 2 Medium 23 00 - per head

Mercer Livestock Auction

Mercer, Pa.

Tuesday, July 5, 1988

Report Supplied by PDA

CATTLE 182...PDA...Compared with last Tuesday's market: Slaughter steers $3.50 to $4 higher; Cows $2 to $2.50 higher. Choice sl. steers 67.00-71.75, one 72.85, Select 63-67.50, Standard 56.50-63.00. Choice sl. heifers 65-68.30, Select 60-64.25, Standard 53.00-60, few Utility 48.50-51.00. Breaking Utility & Commercial sl. cows 48.00-52.85, Cutter & Boning Utility 44.00-48.50, Canner & Low Cutter 40.00-44.25, Shells down to 28.00. Yield Grade No. 1, 1100/1965 lbs. sl. bulls 55.00-58.50, one #2, 880 lbs. 50.00. Feeder Cattle: Few Medium & Large Frame No. 1, 285/360 lbs. steers 65.00-71.50. Few Medium Frame No. 1, 300/600 lbs. heifers 55.00-61.50. Few Medium Frame #1, 400/700 lbs. bulls 61.00-69.00.

CALVES 112...Standard and Good 90/120 lbs. vealers 80.00-92, 60/85 lbs. 70.00-85, few Utility 50/70 lbs. 40.00-55.00. Farm Calves: Holstein Bulls 90/120 lbs 100.00-140.00.

HOGS 235...Barrows and gilts $1.50 to $2 lower. US No. 1-2 220/250 lbs 44.00-44.85, 1-3 215/260 lbs. 43.25-44.25, lot 2-3 280 lbs. 43.00. Few US No. 2-3 325/600 lbs. sows 25.00-27.00. One Boar 22 00.

FEEDER PIGS 2. .No Market Test.

SHEEP 41...High Choice & Prime 90/120 lbs. spring slaughter lambs 63.00-68, Choice 100/118 lbs. 55 00-60.00, few Good & Choice 55/75 lbs. feeder lambs 43.00-53.00 Few Slaughter sheep 10 00-14 00

GOATS 2 .Small 14 00 and 16 00 per head

Keister's Middleburg Auction

Middleburg, Pa.

Tuesday, July 5, 1988

Report Supplied by PDA

CATTLE 368 .PDA . Compared with last weeks market: Slaughter steers and cows $3 higher High Choice & Prime sl steers 71.25-73, couple 73 75, Choice 1000/1550 lbs. 68-71.25, Select 63.00-67, few 68.50, Choice holsteins 62-64.50, couple 67.50, Select 60-62.75. Choice sl. heifers 63.00-68.75, few Select 61.00-62.00. Breaking Utility & Commercial sl. cows 46.60-51, Cutter & Boning Utility 45.75-49, couple 51.50, Canner & Low Cutter 42.75-45.75, Shells down to 32.00. Few Select & Choice sl. bullocks 59.75-64.00. Few Yield Grade No. 1, 1200/1825 lbs. sl. bulls 60.00-66.00, few No. 2 900/1330 lbs. 52.75-57.75. Feeder Cattle: Few Medium Frame No. 1, 400/750 lbs. steers and bulls 55.00-65.00.

CALVES 203...Few Choice vealers 88 00-94, Standard and Good 70/110 lbs. 87.00-97, Utility 60/90 lbs. 79.00-90.00. Farm Calves: Holstein Bulls 90/130 lbs. 96.00-142.00; Holstein heifers 90/150 lbs. 82.00-101.00.

HOGS 481...Barrows and gilts $1 lower. US No. 1, 215/235 lbs. 46.00-47, 1-2 210/245 lbs. 46.00-47, 2-3 200/250 lbs 45.00-46, 2-4 200/270 lbs. 40.00-45.00. US No. 1-3 270/470 lbs. sows 30.00-33.50, 2-3 265/650 lbs. 23.00-30.00. Boars 22.50-30.00.

FEEDER PIGS 455...US No. 1-3 20/35 lbs. feeder pigs 19.00-28.00, 1-3 35/55 lbs. 26.00-37.00, lot 65 lbs. 41.00 --- all per head.

SHEEP 39...Choice 90/115 lbs. spring slaughter lambs 50.00-58.00, few 50/65 lbs. 64.00-72.00. Slaughter sheep 19.00-36.00.

GOATS 41...Large 30.00-56.00, Small & Medium Kids 20 00-34 00 -- all per head

Penns Valley Livestock

Centre Hall, Pa.

Tuesday, July 5, 1988

Report Supplied by Auction

BEEF COWS. UTILITY AND COMMERCIAL 46 50-50 25, CUTTERS 42 00-46 00, CANNERS 37 00-41 00, SHELLS 39.25

HEIFERS: GOOD 64 00-67 00, STANDARD 54.00-62.00.

STEERS: GOOD 58.00-61.50; STANDARD 52.00-55.00.

BULLS: GOOD 60.50-61.50.

FEEDER CATTLE: 300-500 LBS LARGE FRAME 52.00-67 00; 300-500 LBS. SMALL FRAME 50.00-58.00, 500-700 LBS. LARGE FRAME 50.00-56.00; 500-700 LBS. SMALL FRAME 50.00-54 00.

VEAL CALVES: GOOD 99.00-107.00; STANDARD 90.00-98.00; UTILITY 77.00-89.00.

FARM CALVES: BULLS 105.00-146.00; HEIFERS 100.00-104.00.

HOGS: 40.00-42.50.

SOWS: 23.00-30.75.

BOARS: 24.00-25.00.

SHOATS: 25-30 LBS. PER HEAD 21.00-24.00.

LAMBS: 50.00-58.00.

GOATS PER HEAD: 25.00-32.00.

MARKET YOUR FORMULA FED

CALVES

WITH AREA PACKER

We allow our valued growers to weigh their own calves.

Domenic Venuto, Inc.
622 Federal Street
Philadelphia, PA 19147

215-339-9921
or 215-467-9614
or 215-389-VEAL

PLEASE NOTE!
Change of Location to Home Farm On Hill Rd.

FRIDAY, JULY 29 - 1:00 PM
ON THE FARM MONTHLY

BRED GILT SALE

Sale To Start Promptly Every 4 Weeks

Located 4 miles east of former location, 1 mile off 472 midway between Quarryville & Oxford, PA, 1 mile south of Kirkwood, turn west off 472 at Union Church (Street Rd.) 1 mile to crossroad turn left, 2nd farm on right. Hill Road. Watch for sale signs.

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55

50 to 60 Head

We will no longer have White Diamonds, it will be the next generation or F2's crossbred to Chester White. Very nice gilts.

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VIRGINIA MARKETS

Livestock market and auction news

Virginia Weekly Northern Virginia Area Livestock Summary

Richmond, Va.
Wednesday, July 6, 1988

ALL TRENDS COMPARED TO LAST TUESDAY.

SLAUGHTER HOGS 40 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 2-4 200-250 LBS 44.35 3-4 250-300 LBS 42.75 2-4 180-200 LBS 42.00 SOWS US 1-3 300-500 LBS 27.25 500 LBS & OVER 26.00-28.00 BOARS 23.75.

SLAUGHTER CATTLE 178 HEAD - SLAUGHTER COWS 1.50 HIGHER. SLAUGHTER BULLS STEADY.

SLAUGHTER STEERS AND HEIFERS 70 HEAD (62 HEAD STATE GRADED) STEERS; (*-DENOTES STATE GRADED) *CHOICE 2-3 1000-1300 LBS 67.00-69.00 *CHOICE 2-3 1300 LBS & OVER 67.00-68.60 *SELECT 2-3 1100 LBS & OVER 63.00-65.70.

HOLSTEIN SELECT 1-2 1100-1500 LBS 58.00.

HEIFERS; *CHOICE 2-3 950-1100 LBS 63.75-63.80 *CHOICE 2-3 1100 LBS & OVER 65.00-67.75.

SLAUGHTER COWS 88 HEAD CUTTER & BNG.UT. 1-3 40.00-48.00 BRKG.UT. & COMM. 2-4 43.00-49.75 CANNER & LOW CUTTER 1-2 37.00-44.75.

SLAUGHTER BULLS 10 HEAD - 1-2 900-1300 LBS 49.00-51.00 1-2 1300-1600 LBS 53.75-55.75 1-2 1600 LBS & OVER 50.75-63.75.

SLAUGHTER CALVES AND VEALERS 10 HEAD CALVES - GOOD AND CHOICE 250-500 LBS 64.00-70.00.

LAMBS 380 HEAD - SLAUGHTER LAMBS STEADY. HIGH CHOICE AND PRIME 95-125 LBS 55.00 CHOICE 85-125 LBS 52.75 FEEDER LAMBS CHOICE AND FANCY 70-85 LBS 56.00; 60-70 LBS 56.00 SLAUGHTER EWES ALL GRADES 15.00-21.25.

FEEDER CATTLE 302 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 200-300 85.00-98.00 300-400 81.00-91.00 400-500 75.00-87.00 500-600 75.00-83.50 700-800 74.00-74.25 800-900 71.00

HEIFERS; MEDIUM 1 LARGE 1 300-400 62.00-68.00 --- 400-500 65.00-70.00 --- 500-600 66.00-68.00 64.00-68.00 FEEDER BULLS; MEDIUM 1 700-900 LBS 64.00-74.00 900-1000 LBS 58.00-68.00 BABY CALVES RETURNED TO FARMS 25 HEAD NEWBORN TO 4 WK OLD 35.00-115.00 PER HEAD. OVER 100 LBS 95.00-105.00 PER CWT.

Southwest Virginia Area Livestock Summary

Wytheville, Va.
Tuesday, July 5, 1988

ALL TRENDS COMPARED TO LAST TUESDAY.

SLAUGHTER CATTLE 55 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 49 HEAD CUTTER & BNG.UT. 1-3 40.00-45.50 BRKG.UT. & COMM. 2-4 42.00-46.50 CANNER & LOW CUTTER 1-2 36.50-42.25.

SLAUGHTER BULLS 6 HEAD; 1-2 900-1300 LBS 51.75-54.00 1-2 1300-1600 LBS 52.25-59.00.

LAMBS 68 HEAD - NO TRENDS REPORTED. HIGH CHOICE AND PRIME 95-125 LBS SPRING 51.00 FEEDER LAMBS CHOICE AND FANCY 70-85 LBS 48.00-52.00 SLAUGHTER EWES ALL GRADES 18.00-19.00.

FEEDER CATTLE 166 HEAD - NO TRENDS REPORTED. STEERS; SMALL 1 MED.&LARGE 2 400-500 60.00 --- 600-700 63.00-66.00 --- 700-800 --- 63.50 HOLSTEIN STEERS; MED.&LARGE 1-2 500-700 LBS 53.50; 700-900 LBS 55.25; 900-1100 LBS 51.25.

HEIFERS; LARGE 1 MED.&LARGE 2 400-500 63.00 55.00-60.00 BABY CALVES RETURNED TO FARMS 30 HEAD NEWBORN TO 4 WK OLD 60.00-100.00 PER HEAD.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, July 5, 1988
Report supplied by auction

SLAUGHTER COWS: HIGH YIELD 48.00-50.00; UTILITY 44.00-48.00; CANNERS 41.00-44.00; SHELLY 41.00-DOWN. BULLS- (1) 1480 LB. at 59.00. FED HEIFERS- SELECT TO LO CHOICE 59.00-64.00. 1 HOLSTEIN 1800 LBS. AT 51.00. VEAL CALVES- CHOICE 97.00-110.00; GOOD 84.00-96.00; STANDARD 75.00-84.00, KILLERS 105-130 LBS. 95.00-98.50; 80-100 LBS. 89.00-96.00; 50-80 LBS. 80.00-92.00. FARM CALVES- HOLSTEIN BULLS 100-125 LBS. 120.00-147.00; 90-100 LBS. 95.00-113.00. HOLSTEIN HEIFERS- 95.00-100.00; BEEF CROSS 93.00-101.00. BUTCHER HOGS- US #1&3'S 215-250 LBS. 44.00-45.00; 1 LOT #3's 255 LBS. AT 41.00; 195-210 LBS. 39.00-40.50; SOWS- 300-500 LBS. 31.00-36.50; 500-600 LBS. 26.00-30.00. BOARS 23.00-25.50.

STOCK CATTLE: STEERS- 1 HOLSTEIN 440 LBS. AT 56.00. HEIFERS 200-400 LBS. 45.00-61.00; 700-900 LBS. 44.00-52.00. BULLS 2 HD. HERFORDS 293 LBS. @ 94.00. HOLSTEINS 300-700 LBS. 45.00-57.50, FEW BEEF TYPE 800-950 LBS. 54.00-56.00. LAMBS 94-120 LBS. CHOICE 56.00-62.00; 1 LOT GD. BUCKS 108 LBS. @ 50.00; 125-135 LBS. 46.00; 50-90 LBS. 55.00-67.00. SHEEP 100-215 LBS. 29.00-44.00; 250 LBS. 26.00-31.00. GOATS LG. 74.00-75.00; MD. 40.00-60.00; SM. 20.00-40.00. KIDS 10.00-20.00. PIGS AND SHOATS- BY THE HEAD: 15-30 LBS. 14.00-21.00; 30-45 LBS. 19.00-29.00; BY THE LB. 16 HD. 173 LBS. @ 64.00; SM. LOTS 130-190 LBS. 42.00-44.00; STOCK BOARS 325 LBS. @ 36.00; BRED SOWS 490-570 LBS. 32.00-42.00.

Four States Livestock

Hagerstown, Md.
Wed., July 6, 1988
Report supplied by Auction

SLAUGHTER: FED STEERS- PRIME 74.00-76.00; CHOICE 70.00-73.50; SELECT 67.00-70.00; HOLSTEINS SELECT 62.00-65.00; STANDARD 56.00-62.00. FED HEIFERS- LO CHOICE TO 65.00, SELECT 57.00-62.50; DAIRY CULLS 52.00-56.00. COWS- HIGH YIELD 48.00-52.00; UTILITY-COMMERCIAL 43.00-48.00; CANNER-CUTTER 41.00-45.00; SHELLY 41.00-DOWN. BULLS- GD. 54.00-57.00; MD. 48.00-53.00. VEAL CALVES- GOOD 130-150 LBS. 95.00-98.00; CULLS 80-100 LBS. 90.00-96.00; 60-80 LBS. 85.00-92.00. HOLSTEIN BULLS- 100-125 LBS. 120.00-151.00; 90-95 LBS. 95.00-110.00. HOLSTEIN HFRS. TO 98.00. BEEF X- 95.00-100.00, 1 AT 119.00. LAMBS- CHOICE 55.00-57.00; GOOD 50 00-53.00; SHEEP- 20.00-32.00; GOATS- MD. 43.00-60.00; KIDS 10.00-15.00.

STOCKER: STEERS- MEDIUM & LARGE FRAME- 400-600 LB. 74.00-75.00; 600-800 LB. 57.00-65.00; HOLSTEIN & HOLSTEIN X STEERS 200-400 LBS. 60 00-70.00. HEIFERS- 300-400 LBS. 55.00-62.00; 400-600 LB. 58.00-70.00; 600-800 LB. 56.00-58.00 BULLS- 400-600 LBS. 57.00-66.00; 800-1000 LBS. TO 53.00. DAIRY REPLACEMENTS. SPRINGING HEIFERS- 550.00-785.00; FRESH COWS TO 650.00; SERVICE BULLS- 1 HOLST. 930 LBS. @ 51.50. PIGS & SHOATS- BY THE HD. 20-30 LB. 12.00-20.00; 30-50 LB. 20.00-30.00. BY THE LB.- 130-190 LB. 34.00-40.00. STOCK BOARS 300-350 LBS. 23.00-35.00. SLAUGHTER HOGS- 250-280 LBS. 44.00-47.50; 190-210 LBS. 39.50-41.00; (1) 320 LBS. AT 44.50. SOWS- 300-500 LB. 28.00-33.50; 500-650 LBS. 26.00-27.75. BOARS TO 23.60.

NOTE: NEXT SPECIAL DAIRY CATTLE CONSIGNMENT SALE AT 4 STATES WILL BE WED. EVE., JULY 27.

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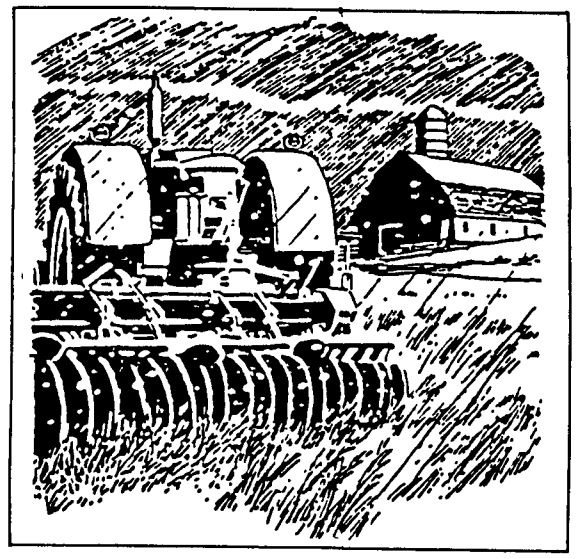

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Lancaster Farming

OPINION

When You're Hungry

Experts say the drought will have little effect on inflation. Most analysts believe the deepening crop damage in the nation's mid-section has added 0.2 to 0.5 percentage point to forecasts for consumer price inflation in 1988. This translates into an annual inflation rate this year of between 5.0 and 6.0 percent compared with 4.5 percent in 1987, according to Knight-Ridder, financial news.

Many economists play down the effects of inflation because as Carol Stone of Nomura Securities in New York put it, "Food is not a very large percentage of the consumer's budget." Analysts figure that while grains and oil seeds prices are rising, meat and poultry prices are falling as animals are slaughtered to avoid higher feed costs. "Food and beverages account for 17.6 percent of the consumer price index," says Evelina Tainer, Economist at the First National Bank of Chicago.

What took our eye in these reports was not the inflation figures, but the fact that food was such a small part of consumer expenses. We can't help but wonder what would happen if grocery shelves became bare and consumers needed to spend 85 percent of their income on food, like they do in some other countries. It's easy to be against farmers when your belly is full. When you're hungry---?

Farm Calendar

Saturdat, July 9

Schaefferstown Folk Festival, Alexander Schaeffer Farm

Sunday, July 10

Mercer Co. Holstein Club picnic, Lake Wilhelm, 1:00 p.m.

Ice Cream Day in Adams County, recreational park, Gettysburg, 2:00 to 8:00 a.m.

Monday, July 11

Dairy Laboratory Workshop, two-week demonstration of all milk tests, and includes tests to become PDA Dairy Lab Director.

Tuesday, July 12

24th Annual Baltimore County 4-H Fair, State Fairgrounds, Timonium, Md. 8:00 a.m. to 10:00 p.m., through the 16th.

PA Purebred Dairy Cattle Association, judging school, Crawford County, 9:00 a.m., through the 13th.

Lancaster Co. Fruit Growers Mtg., Brooklawn Farm, Neffsville, 7:00 p.m. geared to small fruits.

National meeting, Brown Swiss Cattle Breeders, Clock Tower Resort, Rockford, Ill.

Wednesday, July 13

Lancaster County Dairy Barn Ventilation meeting, Lapps Valley Farm, New Holland.

Thursday, July 14

Bedford County Holstein Quality Sale, Bedford, 7:00 p.m.

Mifflin County Holstein Club Picnic, Ed Glick Farm, Belleville, 7:00 p.m.

Lancaster County Dairy Barn Ventilation Meeting, Oregon Dairy, Oregon, 7:30

Friday, July 15

PA Association of Conservation District Director's meeting, State College, through the 16th.

PA Ayrshire Field Day, Wentworth Farm, Quarryville, 10:30 a.m.

Maryland Jersey Cattle Field Day, Frederick County Fairgrounds, MD, 10:30 a.m. Contact Stan Lutz at Ag Center, Westminister.

Saturday, July 16

PA Angus Summer Field Day, Loysville (Perry)

Sunday, July 17

Schuylkill County Holstein Picnic

New York State and Southern Tier Ayrshire Club Field Day, Blue Meadow Farm, Oneonta, N.Y., 10:00 a.m.

Monday, July 18

Biotech Insect Management Conference, Boyce Thompson Institute, Cornell University, Ithaca, N.Y., through the 20th.

MAMMA Annual Meeting, Stouffer Harborplace Hotel, Baltimore, through the 19th.

Tuesday, July 19

Pennsylvania Holstein Executive Committe Meeting, State College, 1:30 p.m.

Ice Cream Social, Capitol Steps, Harrisburg

Wednesday, July 20

Jefferson County Holstein Show, Sykesville, 9:00 a.m.

Western Pennsylvania Tillage Field Day, Robert Smith Farm, New Alexandria, 9:30 a.m.; contact the county extension office for information

Lycoming County Holstein Show, Hughesville, 10:00 a.m.

Pennsylvania Holstein Board of Directors Meeting, Holiday Inn, State College

York County 4-H Dairy Roundup

Thursday, July 21

York County Holstein Show, York County Fairgrounds, 10:00 a.m.

Lancaster County Holstein Show, Solanco Fairgrounds, Quarryville, 10:00 a.m.

Erie County Holstein Show, Fairgrounds, Waterford, 10:00 a.m.

Dauphin County Twilight Meeting, Great View Farm, Harrisburg, 7:30 p.m.

Conference on Land Ethics & Community Values, Elizabethtown College, through the 23rd

Northampton County Holstein Show, Plainfield Farmers Grove

Friday, July 22

Brown Swiss Maryland-Delaware Association Picnic, Long View Farm, Thurmont, MD, 6:30 p.m.

Saturday, July23

Jefferson County Holstein Club

(Turn to Page A31)

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Keep Poultry Comfortable During Hot Weather

Ventilation is most important during hot, humid weather. During hot weather our broiler and larger houses need more air movement INSIDE the house. I would suggest placing circulating fans inside the house to move more air across the birds. This will definitely give relief. In weather reports it's known as the "chill" factor. If you move air at the rate of 500 c.f.m. across the birds, it will reduce the temperature -- to the bird -- by 10 degrees F.

I know if the temperature is 95 degrees F. outside, it will not be any cooler than 95 degrees inside, but the chill factor would make it feel like 85 degrees to the bird.

Another very important factor during hot weather is to ventilate the attics. The best way is to have an inlet at one end and an exhaust fan at the other end. If you don't move the air out of the attic, the temperature can rise to over 150 degrees F. This trapped hot air will eventually work down through the insulation and into the house.

To Graze Sudan and Sorghum Grasses Carefully

Some livestock producers plant sudan grass or one of the hybrid sorghum for extra summer pasture. These grasses have the ability to grow well during the heat of the summer. However, they should be managed carefully in order to prevent livestock poisoning.

When sudan is grazed or green-chopped before it is 18 inches high, and if the sorghum hybrids are used before they are 24 to 30 inches high, there is danger of prussic acid poisoning. There is greater danger with the sorghum hybrids.

After the herd of flock has grazed the area, it should be clipped high, and then the regrowth allowed to reach the same length before using as fresh feed. Horses should not be allowed to graze or eat either of these two forage crops; it has been blamed for causing urinary bladder infections in equines.

Manage sudan grass and sorghums carefully for best results.

To Be Careful With Sprayers

Chemical weed killers are used quite frequently these days for controlling weeds. Many of these sprayers are used for other purposes. We have seen several cases of herbicide damage on tobacco and other crops. Most were due to improper sprayer cleaning before spraying the tobacco field. Chemical weed killers such as 2,4-D will stick to the sprayer equipment for years, unless soaked and washed with ammonia water and other strong detergents.

It is best to flush the sprayer and hoses with clean water first and finish with the ammonia solution. Use one pint of ammonia for every 25 gallon of warm water. Choose your cleaning area with great care. It is important to discharge the cleaning water where it will not contaminate water supplies, streams, crops or injure other plants. The driveway makes a good place.

To Keep Dogs Under Control

The summer months increase outdoor activity with your dog. Keep in mind that a dog owner's responsibility is to keep their pet under control at all times. Free roaming dogs cause accidents, bite, damage property and can be a general nuisance. They also carry disease from farm to farm. Dogs are personal property and the owners are responsible for any damage caused by their pets.

Many dog related problems would be alleviated if owners were more aware of their responsibilities. All pet owners really need to have their dogs licensed, inoculated for rabies and kept under control. Remember, all dogs six months of age or older must be licensed. A license is an inexpensive means to identify your dog if it should stray. It also shows you care for your pet.

The Penn State Cooperative Extension is an affirmative action, equal opportunity educational institution.

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

IS IT BETTER TO SERVE THE EGYPTIANS?

July 10, 1988

Background Scripture:
Exodus 13:17 through 14:31.
Devotional Reading:
Exodus 15:1-10.

I'm often tempted to look down my nose a little at the Hebrews in their exodus from Egypt. Why did God choose to save these people and give them the promised land? Daily they demonstrated their lack of faith. They were complainers from the very beginning and, as we will see later, their fidelity to God was fragile at best.

Of course, none of us can afford to judge the Hebrews because we have never been in their circumstances. We have only the benefit of what someone has called "20/20 hindsight". Our concern should not be with the Hebrews and their lack of faith, but with the state and strength of our own faith. Is our own level of performance a shining example of faithful response to God's guidance?

WHAT HAVE YOU DONE TO US?

The Hebrew people had good reason to fear the Pharoah, whose will was law and whose armed might awesome. When, in the wilderness, they realized that Pharoah and his forces were pursuing them, they turned upon Moses: "Is it because there are no graves in Egypt that you have taken us away to die in the wilderness? What have you done to us in bringing us out of Egypt? (14:11) Isn't that our question when, in trying to follow God's will, we find that things get worse instead of better? We are all for being firm in the faith, so long as we are rewarded with good fortune.

Actually, although we have never experienced anything like the exodus, their situation is not totally foreign to us. There are times when we too are tempted to complain: "...it would have been better for us to serve the Egyptians, than to die in the wilderness" (14:12). It would be better to keep our jobs, than to speak, out against injustice or dishonesty. It would be better to maintain our standing in the community than to take a moral position that is guaranteed to earn us opposition. Or would it be?

DOG, OR LION?

I remember reading in Winston Churchill's *History of the English Speaking Peoples*, during a time of persecution in the English church, a certain leader decided that "It is better to be a live dog than a dead lion." Lots of people still live by that questionable wisdom.

Just as I cannot make that decision for the people of Israel in their exodus, neither can anyone else make that decision for me--or you. We all want to be survivors; that's just human nature. Until or unless God comes to us as he did Moses, saying: "Tell the people of Israel to go forward!"

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'CAUSE MY BACK-UP SYSTEM IS BEGINNING TO OVER-HEAT

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FRIDAY - JULY 15, 1988
10 A.M. - 3 P.M.

At The David Lantz & Family Turkey Farm

(Directions Below)

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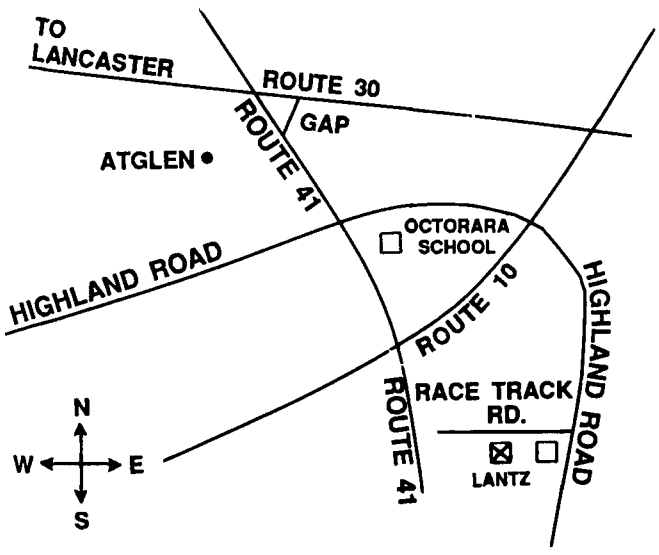

Directions To David Lantz Turkey Farm:

From Gap- Take 41S.
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Philly Fruit Market

Tuesday, July 5, 1988

GRAPEFRUIT FL 4/5 bushel carton Indian River Red 23-40s 12.00 CA carton Red 23s 12.50 27s 14.00 32s 14.50 36s 14.00 40s 13.00 48s 12.00- 13.00 Choice 23-27s 11.00-12.00 32s 11.50 36s 11.00 40-48s 10.50 56s 10.00.

LEMONS CA carton one lot 95-115s 30.00 140s 26.00 165s 24.00 200s 17.50 Choice 95s 22.50 115s 22.00-22.50 140s 17.00-20.00 165s 19.00 200s 15.50.

LIMES SLIGHTLY LOWER FL 10-lb carton Persian Seedless 48s 300 54s 250-300 mostly 300 63s 200-300 mostly 300.

ORANGES CA carton Valencia 56s 13.50 72s 14.00-14.50 mostly 14.00 88s 13.50-14.00 mostly 13.50 113s 14.50 138s 13.00 Choice 56s 950-10.00 72s 10.00 88-113s 10.00-11.00 mostly 10.50 138s 950 FL 4/5 bushel carton Valencia 64s 11.00 80s 12.00-12.50 100s 12.50-13.00 125s 13.00 Pope Summer 64s 11.00 80s 12.50 100-125s 13.00.

APPLES HIGHER CONTROLLED ATMOSPHERE STORAGE carton tray pack WA Red Delicious WA Extra Fancy 72s 16.00 80s 16.50 88s 16.00-16.50 100s 15.00- 16.50 113s 15.00-16.00 125s 15.00 preferred labels 72s & 88-113s 18.00 US Extra Fancy 88-100s 13.50 preferred labels 88-100s & 125s 15.50 Golden Delicious WA Extra Fancy 88s 15.00-16.00 100s 13.00-13.50 113s 12.50 12-3 lb film bags 2-1/4" minimum Supplies insufficient to quote Regular Storage carton tray pack ARGENTINA Granny Smith 88s 16.50 100s few 16.00 NEW ZEALAND Granny Smith 100s few 19.00.

APRICOTS CA 24-lb lug Tilton extra jumbo 20.00 jumbo 18.00 extra large 16.00 WA 24-lb lug Tilton & Perfection 5-1/2 - 6 row size 26.00 6- 1/2 row size 24.00 7 row size 23.00 7-1/2 row size 22.00.

AVOCADOS HIGHER CA Hass 1-layer carton 20s 20.00 2-layer carton 40- 48s 37.00-38.00.

BLUEBERRIES ABOUT STEADY 12-1 pt flats film overwrapped NJ medium-large 16.00-17.00 medium & small-medium 15.00.

CHERRIES LOWER WA 20-lb carton Bing WA#1 12 row size & larger 17.00-20.00 OR 20-lb carton Sweet US#1 54/64 inch minimum diameter 17.00-18.00 UT 20-lb carton Bing 12 row size & larger US#1 few 18.00-19.00 18-lb carton Ranier US#1 12 row size & larger 36.00-40.00.

GRAPES-TABLE LOWER CA 22-lb carton & lug Thompson Seedless 21.00-22.00 one lot 26.00 Flame Seedless 21.00-22.50 one lot 25.00 small 20.00 Perlette one label 20.00-22.00 Exotic 17.50-18.00 AZ 22-lb lug Flame Seedless 21.00 small 18.00 Exotic 17.50-18.00 MEXICO 22-lb lug Thompson Seedless 23.00-25.00 small 14.00-18.00.

KIWIFRUIT NEW ZEALAND 1-layer flat 33s 900-10.00 36-39s 900-10.00 mostly 925-950 42s 900-10.00.

MANGOS LOWER FL carton Tommy Atkins 14s 8-850 MEXICO carton Tommy Atkins & Haden 9-14s 8-850.

NECTARINES ABOUT STEADY CA 25-lb lug Spring Red 60-64 size 13.00-14.00 70-72 size 12.50-13.00 80 size 10.50-12.00 Red Diamond 56 size one lot 16.00 60-64 size 13.00-14.00 72 size 12.50-13.00 mostly 13.00 80 size 10.50-12.00 Flavortop 80 size 10.50 Firebrite 60-64 size 13.00- 14.00 70-72 size 12.50-13.00 80 size 10.50-12.00.

PAPAYAS HAWAII carton via air 10s 13.00 JAMAICA carton 8s 800.

PEACHES ABOUT STEADY 38-lb carton various Yellow Flesh varieties up sizes US#1 extra unless otherwise stated SC 2-1/2" including 2-1/2 - 2- 3/4 " 14.00-16.00 mostly 15.00 2-1/4 - 2-1/2 " 11.00-12.00 GA 2-1/2" one lot 12.00-14.00 2" 600-800 CA 2-layer carton Red Top 42s 14.00 48-50s 12.00.

PEARS ABOUT STEADY WA 4/5 bushel carton D'Anjou controlled atmosphere storage US#1 few 100-110s 24.00 135s 22.00 ARGENTINA 4/5 bushel carton wrapped Packham Triumph 90s 19.00.

PINEAPPLES HAWAII 1-layer carton via air 6s 12.00 COSTA RICA 2-layer carton 10s 18.00.

PLUMS ABOUT STEADY CA 28-lb carton Santa Rosa 2x3x4 size 20.00-22.00 3x4 size 19.00-21.00 3x4x4 size one lot 18.50 4x4 size 16.

00-16.50 3x4x5 size 14.00-15.50 4x5 size 14.00 Blackamber 2x3x3 size one lot 23.00 3x3 size 18.00-19.00 one lot 22.00 2x3x4 size 18.50 one lot 20.00 3x4 size 16.00-17.50 3x4x4 size 15.00-16.50 4x4 size 14.00- 16.00 Queen Rosa 2x3 & 2x3x3 size 21.00 3x3 size 18.00-20.00 2x3x4 size 16.00 3x4 size one lot 18.50 3x4x4 size 14.00 4x4 size 13.00 El Dorado 2x3x4 size 18.00 3x4 size 17.50-19.00 3x4x4 size 17.00-18.00 4x4 size 16.00-17.00 Wickson 3x3 size 21.00 2x3x4 size 19.00.

PRUNES NO SUPPLIES.

RASPBERRIES CA 12-1/2 pint flats film overwrapped Red 12.00-15.00 one label 20.00 via air 15.00-18.00 OR 12-1/2 pint flats film overwrapped via air Red & Black 15.00.

STRAWBERRIES CA 12-1 pint flats medium-large 900-10.00 preferred labels 13.00-14.00 previous commitments 11.00-11.50.

CANTALOUPS LOWER CA 1/2 carton 12-15s 10.00-11.00 18s 900-11.00 mostly 10.00-11.00 23s 900-10.00 AZ 1/2 carton 12s 10.00 15-18s 900- 10.50 mostly 10.00 TX 1/2 carton 12s 800 GA 1/2 carton 18-23s 10.00 MD large carton 10-12s 800-900.

HONEYDEWS SUPPLIES LIGHT 2/3 carton CA 4s 950 5s 10.00 TX 8-9s 800.

MISC MELONS ABOUT STEADY CA 2/3 carton Crenshaw one lot 4s 11.00 5-6s 12.00 Casaba 5s 10.00.

WATERMELONS ABOUT STEADY average weight per melon SC & NC Crimson Sweet 29-lb 4-450 25-lb 350-400 22-lb 275-300 20-lb 250 Long Gray 29-lb 4-450 TX All Sweet 30-lb 450-500 Royal Sweet 32-lb 5-550.

NJ Fruit FOB

Tuesday, July 5, 1988

SOUTH NEW JERSEY Sales fob shipping point basis. BLUEBERRIES Demand exceeds supply. Market steady. 12-pint film-wrapped tray. MOSTLY BLUECROP & BLUETTA 14.00 Few 15.00.

New Holland Dairy

New Holland Sales Stables

Wednesday, July 6, 1988

Report supplied by auction

REPORTED RECEIPTS OF 81 COWS, 25 HEIFERS, AND 5 BULLS. MARKET LOWER.

LOAD OF PERRY CO. FRESH COWS, 650.00-1030.00.

LOAD OF WISC. FRESH COWS 1120.00-1225.00.

LOAD OF PA FRESH COWS 700.00-1135.00.

LOAD OF CANADA FRESH COWS 860.00-900.00.

LOAD OF PA FRESH COWS 800.00-880.00.

LOAD OF NY FRESH COWS 870.00-1160.00.

LOCALLY CONSIGNED COWS 510.00-1075.00.

SPRINGING HEIFERS 510.00-960.00.

BULLS 580.00-780.00.

Valley Livestock

Athens, Pa.

Monday, July 4, 1988

Report supplied by auction

HOLSTEIN HFR. CALVES TO 140.00

VEAL CALVES TO 95.00.

VEALER BULL CALVES TO 165.00

SLAUGHTER CALVES 85.00-92.00.

GRASSERS & FEEDERS 50.00-60.00

LAMBS 60.00-66.00.

SHEEP 20.00-45.00.

HOGS, 200 TO 250 LBS. 38.00-47.50.

SOWS 28.00-34.00.

BOARS: 20.00-35.00.

PIGS 15.00-34.00.

HEIFERS 46.00-51.75.

STEERS 56.00-61.75.

STEERS, FEEDER 50.00-68.00.

BULLS 52.00-62.75.

COWS, GOOD 49.00-52.25.

COWS, MEDIUM 47.00-49.00.

COWS, POOR OR SMALL 38.00-41.00.

CATTLE MARKET REAL GOOD.

CALF MARKET STEADY.

GOATS TO 30.00.

REMARKS REAL GOOD SALE.

FEEDER SALE 1ST MONDAY OF EACH MONTH.

DAIRY SALE 3RD THURSDAY OF EACH MONTH.

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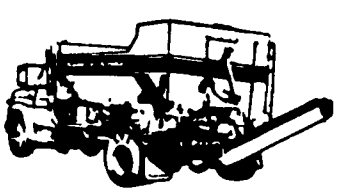

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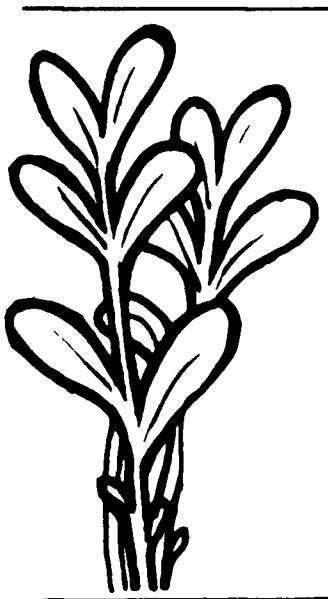

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Insecticide & Boron

OR

2) Lebanon Dry Ammoniated-Extra 5-15-30
w/Boron
Spinner Spreaders Available

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Fertilizer
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Dry

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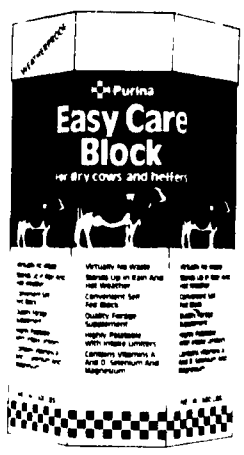

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- **Weatherproof for minimal waste.**
- **Vitamin and mineral requirements are supplied, including vitamins A and D, selenium and magnesium.**
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Philadelphia Vegetable

Tuesday, July 5, 1988

ARTICHOKES CA carton 24s few 12 00 36s 10.00-12.00.

ASPARAGUS MEXICO 12-lb crate & carton bunched 12s extra large 18.00 large 17.00-19.00 mostly 18.00 standard 16.00-17.00 mostly 17.00 small 15 00-16.00.

BEANS LOWER various bushel containers Round Green type unless otherwise stated NJ 10.00-14.00 handpicked 16 00-17.00 VA 10.00-12.00.

BROCCOLI ABOUT STEADY carton bunched CA 14s 9-950 18s 950 WI 14s 850 18s 900.

CABBAGE HIGHER 1-3/4 bushel carton & crate medium Green unless otherwise stated NC 900 NJ 700-900 mostly 800 one label 950 large 550 Red 800-900 mostly 800 Savoy type few 800 MD small 700.

CARROTS SUPPLIES LIGHT 48-1 lb film bags in film sacks CA medium- large 900 50-lb sacks loose jumbo CA 11.50-12.00.

CAULIFLOWER SUPPLIES LIGHT CA carton film wrapped 12s 13.00-15.00 mostly 14.00.

CELERY LOWER CA carton 1-1/2 dozen 10.00 2 dozen 10.50 2-1/2 dozen 10.00-11.00 mostly 10.50-11.00.

CHINESE CABBAGE SUPPLIES LIGHT NJ celery crate 800.

CORN LOWER wirebound crate approximately 4-1/2 dozen unless otherwise stated FL Yellow 800-10.00 White 11.00-12.00 GA Yellow carton one label 10.00 NC Yellow 800-10.00 White 10.00-11.00 mostly 10.00 NJ White small 800-900 MD White 800-10.00 mostly 900-10 00.

CUCUMBERS ABOUT STEADY 1-1/9 bushel crates & cartons Waxed medium unless otherwise stated NC 13.00-14.00 fair quality 800-900 mostly 800 VA 12.00-13.00 fair quality 600-800 large 500-600 NJ unwaxed fair quality 700 large 500 bushel baskets Pickles unwaxed small-medium 15.00 medium 12.00 medium-large 900 large 600.

EGGPLANT ABOUT STEADY GA 1-1/9 bushel crate & carton medium 800-900 FL 1-1/9 bushel carton medium fair quality 500-600.

GREENS SLIGHTLY HIGHER crates approximately 1-1/2 bushel bunched unless otherwise stated NJ Collards 600 Mustard, Turnip Tops, Kale & Rape 650 PA Collards 550-600 Kale 650-700 OH Kale 600-700 mostly 6-650.

LEEKS NJ crate bunched 12s 900-10.00.

LETTUCE ICEBERG LOWER carton 24s unless otherwise stated CA 800-950 film wrapped 10.00-11.00 NY one label 600-700 NJ 500.

LETTUCE-ROMAINE ABOUT STEADY CA 24s carton 900-10.00 crate 11.00- 13.00 NJ crate & carton 24s 500-600 OH crate & carton 24s 500-600.

LETTUCE-OTHERS BIG BOSTON CA carton 24s 800 OH crate 24s 500-600 BIBB OH crate 24s 500 basket 20s 400-500 mostly 500 LEAF CA carton 24s including Red 900-10.00 OH crate 24s 500-600 Red 500 1-1/9 bushel crate 400-500 NJ carton 24s few 600 NY carton 24s including Red few 700.

LETTUCE-PROCESSING No supplies.

OKRA GA 1/2 bushel crate small-medium few 800.

ONIONS-GREEN ABOUT STEADY NJ 4/5 bushel crate bunched 48s 800-900 36s 600 CA carton bunched 48s 900 OH carton bunched 48s 850-900 MEXICO carton bunched 48s 700-800.

PEAS-GREEN Supplies insufficient to quote.

PEAS-SOUTHERN Supplies insufficient to quote.

PEAS-SUGAR ABOUT STEADY 10-lb carton per lb CA including via air 100- 110 GUATEMALA 130-150 mostly 140.

PEPPERS LOWER 1-1/9 bushel crates & cartons Calif Wonder type Green unless otherwise stated GA extra large 900-10.00 large 8-850 medium 650-700 small 550-600 Mixed Red large 600-800 Cubanelle medium-large 14.00 Longhots 12.00-15.00 1/2 bushel crate Jalapeno 12.00 NC extra large 850-900 large 750-900 mostly 800 medium 600-700 Cubanelle medium- large 15.00 Longhots 15.00 LA extra large 800-10.00 NETHERLANDS 5-kilo carton Red large 19.00-20.00 Orange large 23.00-26.00 Yellow large 26.00 Purple & White large 23.00.

RADISHES ABOUT STEADY OH carton Red 30-6 oz film bags 375-450 mostly 400 bunched 24s 500-700 mostly 600 MI carton Red 30-6 oz film bags 375.

SQUASH LOWER 1/2 bushel cartons unless otherwise stated NJ Zucchini small & small-medium 300-400 mostly 400 Yellow Straightneck small-medium 400 one lot few best 800-900 FL 1-1/9 bushel crate Acorn medium 900- 10.00.

SWEET POTATOES Supplies insufficient to quote.

TOMATOES LOWER 25-lb carton Pink to Light Red 85% US#1 or better unless otherwise stated SALES BY REPACKERS SC one lot 5x6s 10.00 6x6s 900 SALES BY OTHERS FL 5x6s one lot 900-10.00 GA 5x6s 850 6x6s & 6x7s 750-800 mostly 750 SC 5x6s 800-900 mostly 900 6x6s 750-800 mostly 800 6x7s few 800 AR 2-layer carton 4x4 size 900-10.00 PLUM TYPE SC 20-lb carton 10.00-12.00 CHERRY TYPE 12-1 pint flats FL 14.00 SC 15.00-16.00.

Shippensburg Produce Auction

(717) 530-1700

Shippensburg, PA

June 30, July 2 & 5

Open Monday, Tuesday, Thursday & Saturday Next Week

Report Supplied by Auction

APPLES 2.25-4.25 HALF BU.

APRICOTS 10.00-14.00 HALF BU.

BEDDING PLANTS 3.00-3 75 FLAT

BLUEBERRIES: 18 00-20.00 12 PT FLAT.

CABBAGE: 2.75-5.75 BU.

CANTALOUPES: .70-.90 EA.

CAULIFLOWER: .55-1.22 EA.

CHERRIES: SOUR 5.25-8.50 8 QT. FLAT; SWEET 6.00-12.25 8 QT. FLAT.

CORN: 1.80-2.30 DOZ.

CUCUMBERS: 5.25-8.50 ½ BU.

EGGS: .46-.68 DOZEN.

HONEY: .70-1.00 LB.

LETTUCE: 2.00-4.50 BU.

PEAS 5.50-10.00 ½ BU.

POTATOES (NEW) 4.00-11.00 50 LBS.

RASPBERRIES: 13.00-17 50 12 PT. FLAT.

RED BEETS: 4.50-7.25 15 BUNCH BU.

STRAWBERRIES: 11.00-14.00 8 QT. FLAT.

STRING BEANS: 10.75-14.25 HALF BU.

SUGAR PEAS: 11.75-21.50 HALF BU.

SUGAR SNAPS: 14.00-18.50 HALF BU.

TOMATOES, FLA: 7.50-13.75 25# BOX.

WATERMELON: FLA. SM-LG. 1.00-4.50 EA.

ZUCCHINI: 4.00-9.50 HALF BU.

Philly Potato & Onion

Tuesday, July 5, 1988

ONIONS-DRY REPACKER SIZE HIGHER, OTHERS ABOUT STEADY 50-lb sacks US#1 or generally good quality Yellow unless otherwise stated CA Grano type colossal one lot few 850 jumbo 6-650 Repacker size 800 Red 25-lb sacks jumbo few 800 40-lb carton jumbo 11.00-12.00 medium 10.00-11.00 NM Grano type jumbo one lot 7-750 Repacker size 750-800 White jumbo 900- 10.00.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated Round Whites NC new crop 450 large 650 VA new crop 425-450 large 650-700 Round Reds NC new crop 700-800 size B 11.00- 12.00 Long Whites CA 50-lb carton few 950 Russets 50-lb carton count ID 70s 11.50 80s 11.00-11.50 90s 10.00-11.00 100s 9-950 mostly 900 CO Centennials 90s 700 100s 600 CA new crop Centennial 80s 950 90s 850 100s 750.

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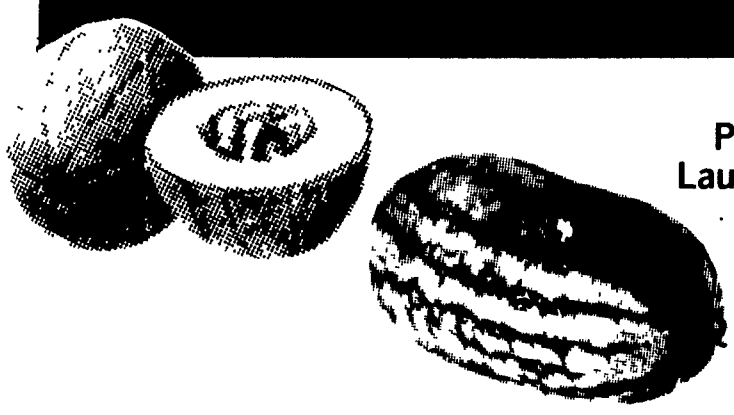

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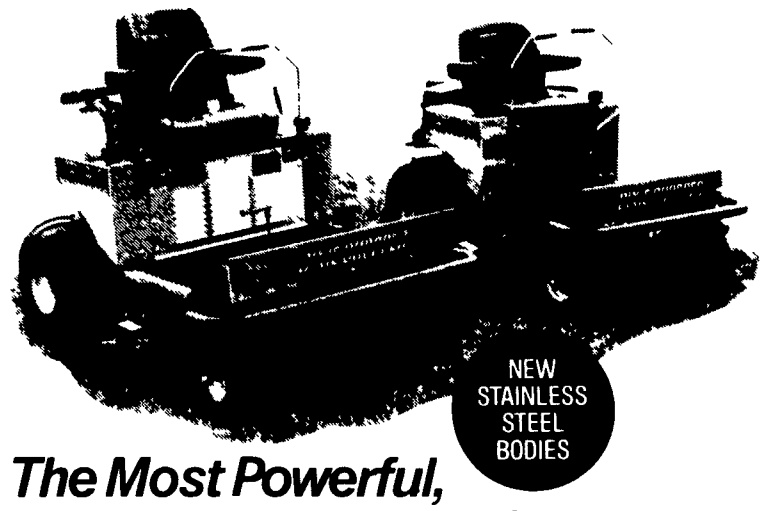

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CUMMINGS & BRICKER INC

Grantsville Livestock

Grantsville, Maryland
Saturday, July 2, 1988

HOGS: TOP BARROWS & GILTS 42.50-46.00; HEAVY BUTCHER 35.00-45.00; LIGHT BUTCHER 32.00-42.00; BUTCHER SOWS 20.00-29.00; FEEDER SHOATS 8 00-28.00.

VEAL: GOOD 85.00-98 00; STANDARD 75.00-80.00; UTILITY 60.00-70.00; BULL CALVES 1.00-1.38.

SHEEP & LAMBS· GOOD 48.00-50.00; UTILITY 40.00-45 00, SLAUGHTER EWES 18.00-22.00.

SLAUGHTER CATTLE· STEERS· GOOD 62.00-64.50; STANDARD 60.00-61 50; UTILITY 52 00-58 00.

HEIFERS: GOOD 61.50-65 25; STANDARD 54.00-60.00; UTILITY 48.00-50.00.

COWS: COMMERCIAL 45.00-51 50, UTILITY 40.00-42.00, CANNER & CUTTER 32.00-38.00.

BULLS: COMMERCIAL & GOOD 52.00-56.25; CUTTER & UTILITY 45 00-50 00

STOCK-FEEDER CATTLE GOOD 65 00-70.00, MEDIUM 50 00-60 00

STEER CALVES: GOOD 70 00-75 00, MEDIUM 55.00-65.00

HEIFER CALVES GOOD 52 00-58.50; MEDIUM 45 00-50 00.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, July 4, 1988
Report supplied by Auction

REGISTERED RECEIPTS OF 225 HEAD OF HORSES, MULES AND PONIES MARKET STEADY

LOCAL

DRIVING HORSES 375 00-1025 00
RIDING HORSES 300.00-640 00
LIGHTWEIGHT KILLERS 200 00-325 00.
HEAVYWEIGHT KILLERS 400.00-500.00.
MARE PONIES. 30 00-70 00
COLTS: 10 00-30.00
GELDING PONIES 30 00-70 00
LARGER PONIES 110 00-225 00

Frederick Livestock Sales

Frederick, Md.
Monday, July 4, 1988
Report Supplied by Auction

BUTCHER COWS: MOSTLY STEADY. GOOD 46.00-47.50; STANDARD & UTILITY 42.00-45.00; CANNERS 38.00-42.00; SHELLY 38.00 DOWN. BULLS: GOOD 1225 LB. AT 52.00.

BUTCHER HOGS: LIGHT RUN. STEADY TO 1.00 LOWER. 240-260 LBS. 43.00-43.25. SOWS: 545-670 LBS 26.75-27.00.

VEAL CALVES: LIGHT CALVES 5.00 HIGHER. GOOD 95.00-101.00; STANDARD 85.00-94.00; LIGHT CALVES 80-100 LBS. 90 00-96.00; 60-80 LBS. 86.00-89.00.

CALVES RETURNING TO FARM: HOL. BULLS 10.00-15.00 HIGHER. HOLSTEIN HEIFERS: 90-120 LBS. 95.00-99.00. HOLSTEIN BULLS: 90-95 LBS. 100.00-119.00; 100-115 LBS. 120.00-145.00.

LAMBS: GOOD AND CHOICE 77-85 LBS. 55.00-58.00; GOOD-MEDIUM TO 53 00.

STOCK CATTLE: LIGHT RUN, STEADY PRICES. STEERS GOOD 300-500 LBS. 65.00-77.00; MEDIUM 55.00-65.00. HEIFERS MEDIUM TO GOOD TO 61.50.

PIGS & SHOATS: STEADY PRICES BY THE HEAD- 35-40 LBS. 20.00-25.50, 2 SPRINGING SOWS AT 180 00.

Peoria Cattle

Peoria, Illinois
Thursday, July 7, 1988

WEEKLY CATTLE SUMMARY.

TRADING MODERATE. COMPARED WITH LAST WEEK CLOSE SLAUGHTER STEERS AND HEIFERS SOLD 1 00 TO 2.00 HIGHER. SLAUGHTER COWS CLOSED 8.00-9.50 HIGHER. BULLS WERE NOT WELL TESTED. HOLIDAY MARKET JULY 4 REPORTED BY STOCKYARDS PERSONNEL AND NOT BY FEDERAL-STATE REPORTERS. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEES AND HEIFERS ABOUT 5% COWS. ESTIMATED RECEIPTS THIS WEEK ABOUT 900 AS COMPARED WITH ACTUAL RECEIPTS OF 1140 A WEEK AGO AND 1375 A YEAR AGO.

SLAUGHTER CLASSES: STEERS CHOICE 2-4, MOSTLY 3 1100-1350 LBS. 65.00-67.50 950-1100 LBS. 63.00-66.00 SELECT & CHOICE 2-3 1000-1200 LBS. 62 00-65.00.

HEIFERS: CHOICE 2-4, MOSTLY 3 1000-1200 LBS 64.00-66.50 850-1000 LBS 62.00-64 00 SELECT & CHOICE 2-3 900-1100 LBS. 61.00-64.00 SELECT 2-3 850-1000 LBS. 58.00-62.00.

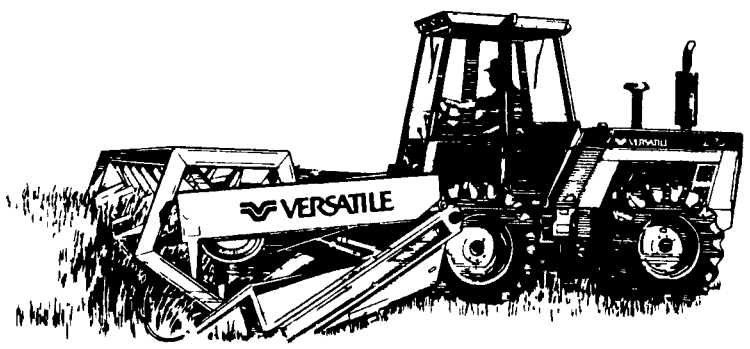
COWS: BREAKING UTILITY AND COMMERCIAL 2-3 44.00-49.50.

BULLS: SCARCE.

Estimated Daily Livestock Slaughter

Under Federal Inspection
Wed., July 6, 1988

	CATTLE	CALVES	HOGS	SHEEP
WED., 7/06/88 (EST)	130,000	10,000	310,000	20,000
WEEK AGO (EST)	123,000	9,000	304,000	20,000
YEAR AGO (ACT)	127,000	9,000	269,000	19,000
WEEK TO DATE (EST)	257,000	20,000	619,000	39,000
SAME PD LT WK (EST)	370,000	27,000	881,000	53,000
SAME PD LT YR (ACT)	354,000	28,000	760,000	58,000



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- get a powerful 100-hp turbocharged diesel engine.
- get a hydrostatic transmission that gives you the same speed and power selections in either direction.
- get a unique rotating console assembly that lets you rotate seat, steering wheel and instrument pod at the same time.
- get a wide choice of attachments to make the Bidirectional tractor the most productive piece of equipment you own.

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- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:

JD 4030 QR, SG, nice $16,500
JD 3020 Gas, Side Console $5,850
JD 575 Skid Steer Diesel, almost new
JD 4430, QR, Fender Tractor $12,300
JD 2640 Diesel $10,900
JD 3020 Dsl. Syncro, Wide Front, Dual Remote $8,950
JD 2640 w/146 Loader $12,800
JD 830, 3 Cylinder $6,850
JD 2040 Diesel $6,950
Farmall M $975
Oliver Super 55 ..... $2,650
Cab, Hiniker, model 1300 for 2630 Tractor, nice $975

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head $2,650
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
6600 gear, rotary sc SOLD iesel, monitor, heater & air, US feeder house, bin extension.
NI 324 2 Row Wide 12 Row 327 bed $3,950
NI 818 combine with 13' flex head. Sharp
#244 Corn Head
#244 Corn Head
13' Grain Tabl SOLD
(2) #444 Corn Heads
NI 2 row narrow w/sheller, A1 ..... $3,950
(2) 653 6 Row Bean and Sunflower Head
4400 Combine Chopper
6600 Combine Chopper
JD #243 2 Row 30" Snapper Head $2,350
JD 300 Husker, Choice of Heads
NI Picker, 2 Row Narrow 12 Roll Bed, Nice $5,800
JD 13' Grain Head w/floating bar
JD #343 3 Row 30" Corn Head
#454 Bean Head 4 Row Wide
NI 2 Row Wide 8 Roll Bed $2,750
MF 510 Diesel Combine w/4 row narrow and 13' grain
JD 300 Husker w/3 Row Head
JD 40 Combine w/2 Row and Grain Head
JD 6620 LL Hydro Combine, Nice
JD 4440 Rotary Screen Diesel Combine, Auto Header Height Control, Sharp
JD 443 Corn Head
JD 215 Flex Head

PLANTERS & GRAIN DRILLS:

JD 8300, 21x7 DD w/Grass $4,450
IH 510, 18x7 I SOLD D Drill, Sharp $3,150
JD 20x7 Model B Plain Drill, Double Disk $1,850
JD 1300 6 Row Planter Radar Monitor, Sharp $3,450
JD #1240 Plateless Planter $1,850
White 5400 6 Row Air Planter $2,350
JD FBB 18x7 Grain Drill w/Grass, Nice $1,850
JD 7000 6 Row No-Til Conservation Planter w/Auger Fill $6,500
JD 7000 6 Row No-Till Planter, Nice $5,850
JD 8350 18x7 Drill, Single Disc $2,350
JD B Drill, 13x7 w/grass, Single Disc $625

MISCELLANEOUS:

14.9x38 Direct Axle Dual Wheels
JD 28' Implement Trailer $1,875
Kelley Loader for JD Row Crop $1,650
JD 42 Front Blade 8' $350
IH 155 Spreader, nice $1,450

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

2955 2 Wheel Drive Tractor $23,500
8' 9" Model 710 Mulch Tiller $5,650

HAY & FORAGE EQUIPMENT:

NH 272 Baler w/58 thrower, nice $3,850
Harvester Adapter Plate for #243 Corn Head $300
Brady #144 4 Row Stalk Shredder $950
(1) (2) NH #469 Haybine
NH #282 Baler w/Thrower
JD 640 Rake
NI #402 Rake
NI #404 Wheel Rake $600

PLOWS-MOLDBOARD AND CHISEL:

JD 2600, 5B Plow $4,650
JD 7B 2500 Plow $3,950
JD F845 2 Bottom Roll Over Plow (New) $2,850
JD F350 5-16" Hyd. Reset Plow $2,350
JD Model 1610 14' Chisel Plow $2,650
IH 3B Fast Hitch Plow $350
JD #1450 5B 20" Plow $2,250
IH 530 5B Trip Plow $950
JD 1450 5-16" Semi-Mtd. Plow $2,250
JD 3200 5B Trailer Plow, Auto Reset $3,450
Oliver 565 5-16" Plow $1,250
JD #1600 12' Chisel w/Walking Tandems $2,450
JD 4-16 #1450 Semi-Mtd. Plow $2,450
JD F120 3-14 Plow $550
JD F125 3-16" Plow $650
IH 12' Vibra Shank $1,450

DISCS AND FIELD CULTIVATORS

JD AW 10' Disc $1,050
JD 18' BW Wing Fold Disc $2,250
Oliver #252 12' Disc $975
JD 220 Center Fold Disc, Nice $5,350
JD 12' TWA Plowing Disc $3,250
JD TW 12' Plowing Disc $2,750
JD Wing Fold 200 Series Cushion Gang, 20' Disc $6,500

ROLLER HARROWS AND CULTIMULCHERS

IH 315 12' Roller Harrow $3,450
JD 10' Cultimulcher, Sharp $3,450
Brillion 10' Cultimulcher In-Board Wheels $1,975

CULTIPACKERS

Brillion 14' Packer w/Transport $1,850
(1) (2) Brillion 25' Wing Fold Packer $4,500
JD 12' Cultipacker $1,050
Brillion 16' Packer w/Transport $1,950

ROW CROP CULTIVATORS & ROTARY HOES

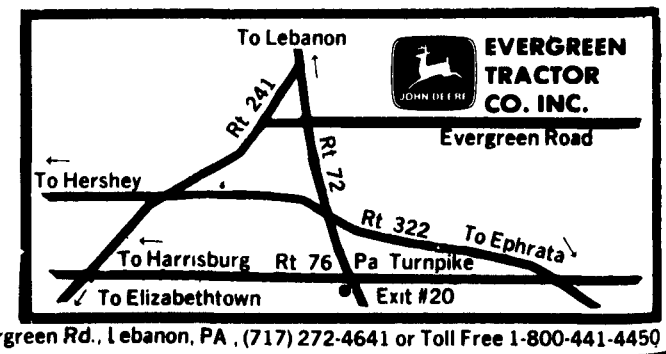
JD 400 Rotary Hoe, almost new $1,850
(1) (2) JD RM 4 Row Cultivator $975
JD 6 Row 30" RM Cultivator $1,550
JD 400 Rotary Hoe $1,475
JD 6 Row RM Cu SOLD

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

Coming in...

JD #27 6 Row Stalk Shredder
JD 1240 Plate Planter
South Eastern 5 ton Utility Trailer w/brakes and ramp, like new
JD 35 Harvester
JD 4 Row Front Mount Cultivator for 3020
JD 336 Baler w/Ejector
JD 4400 Gas Combine
JD 3300 Dsl. Combine w/10' Head
JD 175 Loader



30 Evergreen Rd., Lebanon, PA, (717) 272-4641 or Toll Free 1-800-441-4450

Central U.S. Carlot

Pork Report
Tues., July 5, 1988
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3:00 P.M.

COMPARED FRIDAY'S 3:00PM CLOSE: FRESH PORK LOINS 14-18# GENERALLY STEADY; BOSTON BUTTS STEADY TO 1.00 LOWER; SKD HAMS STEADY TO 1.00 HIGHER; SDLS BELLIES STEADY TO 5.50 LOWER.

TRADE MODERATE FOR LIGHT TO MODERATE DEMAND AND OFFERINGS.

US #2 175 LB. HOG CARCASS DECLINED (.02) TO $61.98 P/CWT

LOADS PORK CUTS 28.50.

LOADS TRIM/PROCESS PORK 7.00.

PORK CUTS
OMAHA BASIS
LOINS. REGULAR
FRESH

14-18 LBS. 5 LDS. 105.00-109.50.
18-22 LBS. 2 LDS. 109.00.
22/UP LBS. 79.00 D.

BNLS. CENTER CUT LOIN

1 LD. 244.00.

TENDERLOINS

2/BAG .5 LD. 270.00.

PICNICS

4-8 LBS. 40.00 C.
8/UP LBS. 40.00 C.

BOSTON BUTTS

4-8 LBS. 2.5 LDS. 86.00-90.00.

SPARERIBS FRESH

1.5-3.5 LBS. 1. LD. 138.00.
3.5-5.5 LBS. .5 LD. 106 00.

SPARERIBS FROZEN

1.5-3.5 LBS. 129.00 D.
3.5-5.5 LBS. 106.00 C.

LOIN BACKRIBS

1.5/DN. LBS. 200.00 A.
1.75/DN LBS. 190.00 A.
1.75-2.25 185.00 A.

HAMS, SKINNED, FRESH

14-17 LBS. 2 LDS. 66.50.
17-20 LBS. 3 LDS. 63.00.
20-26 LBS. 4 LDS. 62.00-64.25.
26-32 LBS. 62.00 B.
32/UP LBS. 3 LDS. 48.50-52.50.

BELLIES, SDLS. SKIN ON, FRESH

10-12 LBS. 34.00 A.
12-14 LBS. 1.5 LD. 31.50-35.00.
14-16 LBS. 1.5 LD. 31.50-35 00
16-18 LBS. 1 LD 33 50.
18-20 LBS. 27.00 B.
20-25 LBS. 22.00 B.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH 1 5 LD. 24 75.
COMBO 72% FRESH 59.50-62.50 A.
BOXED FROZEN .5 LD. 62.00.

BONELESS PICNIC MEAT

COMBO 72% FRESH 5 LDS. 62.00-63.00.
BOXED 72% FROZEN 65.50 E.

SKINNED JOWLS

COMBO FRESH 22.00 A.

CURED & PROCESSED MEATS

HAMS, SMOKED, SKINNED, WATER ADDED

16-19 LBS. 73.00-91 00.
19-23 LBS. 67.00-89.00.

PICNICS, SMOKED, WATER ADDED

4-7 LBS. 51.00-63.00.

BACON, SLICED, VAC. PACK

1# PKG. 90.00-153.00.

ABCDE AFTER QUOTES REPRESENT DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

Leola Produce Auction

Leola, PA
Tues., July 5, 1988
Report Supplied by Auction

BLUEBERRIES 16.00-24.00 12 PT. SHIPPER.

BROCCOLI 6.00-9.00 12-14 CT. CABBAGE 6.50-8.75 CRATE (RED), 5.00-7.50 CRATE (GREEN), .25-.39 HD.

CAULIFLOWER .75-1.07 HD. (LG.).

CHERRIES 9.00-12.00 8 QT. SHIPPER.

CORN 2.00-3.00 DOZ. WHITE.

CUCUMBERS 11.00-14.00 1 1/9 BU.

GREENS 5.00 12 CT. BUNCH.

ONIONS 12.00-16.00 1 1/9 BU. (SWEET).

PEAS 20.00-30.00 1 1/9 BU.

PICKLES 10.00-14.00 ½ BU.

PEPPERS 9.00-13.00 1 1/9 BU.

POTATOES 5.00-10.00 25 LB. NEW.

RASPBERRIES (RED) 18.00-25.00 12 PT. FLAT; (BLACK) 16.00-22.00 12 PT. FLAT.

RED BEETS 4.00-7.00 15 CT.

RHUBARB 6.00-12.00 15 CT.

STRING BEANS (GREEN) 16.00-24.00 1 1/9 BU.; (YELLOW WAX) 16.00-24.00 1 1/9 BU.

SUGAR PEAS 17.00-20.00 10 LBS.

TOMATOES (FIELD) 15.00-26.00 25 LBS.; (GREENHOUSE) 30.00-50.00 25 LBS.; (CHERRY) 15.00-19.00 12 PT. SHIPPER.

ZUCCHINI (GREEN) 4.00-6.00 ½ BU.; (YELLOW) 3.00-6.50 ½ BU.

East Coast Carlot

Tues., July 5, 1988
Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO FRIDAY'S CLOSE: POST HOLIDAY TRADING MODERATELY ACTIVE. CHOICE AND PRIME SPECIAL FED VEAL 2.00 HIGHER. GOOD AND CHOICE BONING VEAL UNESTABLISHED AS BUYERS ADOPT A WAIT AND SEE ATTITUDE.

VEAL CARCASS
HIDE ON
CHOICE & PRIME
(SPECIAL FED)
140 HEAD

220-280 LBS. 192.00, 2.00 HIGHER.

GOOD & CHOICE
BONING TYPE
NORTHEASTERN SUPPLIERS

NO SALES REPORTED.

INSHIPPED

NO SALES REPORTED.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, July 4, 1988
Report supplied by auction

CATTLE: 119.

STEERS: HIGH CHOICE & PRIME 65.50-67.25; CHOICE 62.00-64.75; GOOD 60.00-61.75; STANDARD 54.00-59.50. HEIFERS- CHOICE 61.00-64.25; GOOD- 53.50-60.25. COWS- UTILITY & COMMERCIAL- 48.00-53.00; CUTTERS 46.00-48.75; CANNER & LOW CUTTER- 38.50-44.75. BULLOCKS- GOOD & CHOICE 54.00-60.25. BULLS- YIELD GRADE #1 51.00-59.50. FEEDER CATTLE- STEERS, GOOD 58.00-65.00, STANDARD 50.00-57.50; BULLS 52.00-60.50; STANDARD 48.00-53.50; HEIFERS, GOOD 54.00-61.00, STANDARD 49.00-54.00.

CALVES: 286. PRIME .92-1.10; CHOICE 88.50-96.50; GOOD 84.00-91.00; STANDARD & GOOD 75.00-83.50; 90-110 LBS. 92.00-104.00; 65-90 LBS. 81.00-94.00; HOLST. BULL CALVES, 90-130 LBS. 112.00-151.50; HOLST. HEIFER CALVES, 90-130 LBS. 94.00-105.00.

HOGS: 91. US#1,2 46.50-47.50; US#1-3 44.50-46.00; SOWS 28.00-31.50; BOARS 23.50-29.50.

FEEDER PIGS: 74. 20-35 LBS. PER HD. 18.50-25.50; 35-50 LBS. PER HD. 28.00-38.00.

SHEEP: 14. CHOICE LAMBS 50 00-52.50; GOOD 49.00-50 50

GOATS: PER HD. 18 00-52.00

Perfect Timing.

Weed your no-till, double-crop acres in no time, with economical new Gramoxone Super.

When you're double-cropping soybeans or sorghum, time is of the essence. Lose time and you lose yields.

With new GRAMOXONE® SUPER herbicide, your timing's perfect. Because there are no planting delays. And you get fast weed burndown. The other herbicides can't match this performance, yet they actually cost up to twice as much.

Applied at the new rates, GRAMOXONE SUPER is rain-fast in 30 minutes and mixes well with residual herbicides. It's also formulated and packaged for easier handling.

If you're looking for ways to boost your double-crop profits, it's the perfect time to talk to us about new GRAMOXONE SUPER. It's paraquat at its best.

Gramoxone® Super

It's paraquat at its best.

ICI Americas Inc.
Agricultural Products
Wilmington, Delaware 19897

GRAMOXONE SUPER is a restricted use pesticide

ATTENTION FARMERS:

WITHOUT YOU, THE FAMILY FARM MIGHT END UP IN SOMEONE ELSE'S FAMILY.

A significant portion of your farm may have to be sold in order to raise cash necessary to pay the taxes on your estate. You've put a lot into your land. A MONY insurance program can help your heirs keep it. Call me today!

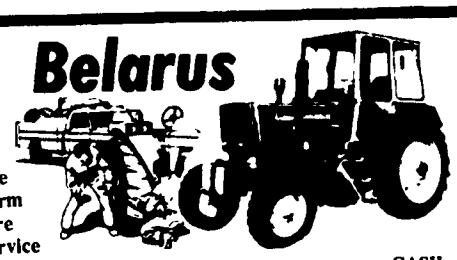
Donald L. Cromer
1794 Oregon Pike, Lancaster
(717) 569-5700

MONY FINANCIAL SERVICES

The Mutual Life Insurance Company of New York
New York, NY

L.F. BUY A NEW TRACTOR WITH

Belarus



On The Farm Tire Service

MFGS 1 YEAR WARRANTY

Barn Equipment	MODEL	HP		CASH
	250	31		$4,595
	Golfmaster	31		$8,995
J-STAR	T25 Backhoe Loader	31		$13,995
	400	57		$7,995
STARLINE	T42 Backhoe Loader	57	4WD	$19,695
BUTLER	420 AN 4WD	57	Plus	$9,995
JAMESWAY	611 C w/rollbar	75	Freight	$10,995
	505	70	Less	$10,995
BERG	525A 4WD	70	Trade In	$11,995
FIBERDOME	562 4WD w/cab	70	Many	$13,679
	820 4WD	85	More	$13,995
FARMWAY	822 4WD w/cab	85	Sizes	$14,795
	920 4WD ...	100	Available	$18,495
	922 4WD w/cab	100		$20,395
	Engine for Replacement ...	57	Skid Loader Power Plant	$2,395 $2,395

ROVENDALE SUPPLY
Exit 31, Rt I-80 to 180 (Old Rt 147) to Watsontown Exit (You Are There!)
Ph. 717-538-5521 or 742-7521
Toll Free PA 1-800-232-DALE
M-F 8-7 Sat 8-5

Central U.S. Carlot

Beef Report
Tues., July 5, 1988
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST, TEXAS AND OKLAHOMA) AS OF 3:00 P.M.

COMPARED TO FRIDAY'S 3:00 P.M. REPORT, HEAVY CHOICE 3 STEER AND HEIFER CARCASSES FIRM IN A THIN TEST; CHOICE 4 $1.00 HIGHER; SELECT $2.00 HIGHER. DEMAND LIGHT TO MODERATE, MOVEMENT MODERATE ON LIGHT SUPPLIES AND OFFERINGS.

4 LOADS OF STEER CARCASSES AND 7 LOADS OF HEIFER CARCASSES TRADED TO PACKER-PROCESSORS.

SALES REPORTED ON 43 LOADS OF STEER AND HEIFER CARCASSES.

STEER CARCASSES:
(14 LOADS REPORTED)
FOB OMAHA BASIS
CHOICE 3

600-900# 1 LOAD RANGE 99.00, LATEST ESTB. MKT. 99.00.

CHOICE 4

600-900# 3 LOADS RANGE 89 00, LATEST ESTB. MKT. 89 00.

SELECT 1-3

600-900# 10 LOADS RANGE 90.00-91.00, LATEST ESTB. MKT. 91.00.

HOLSTEIN-TYPE
CHOICE 1-3

600-900# LATEST ESTB. MKT. 89.00-91 00 B.

SELECT 1-3

600-900# LATEST ESTB. MKT. 84.00 B

HEIFER CARCASSES
(29 LOADS REPORTED)
FOB OMAHA BASIS
CHOICE 3

550-800# 2 LOADS RANGE 98 00, LATEST ESTB. MKT. 98.00.

500-550# LATEST ESTB MKT. 94.00 A.

400-500# LATEST ESTB. MKT. 93.00 A.

CHOICE 4

500-800# 4 LOADS RANGE 89.00, LATEST ESTB. MKT. 89.00.

SELECT 1-3

550-800# 23 LDS RANGE 89.00-90.00, LATEST ESTB MKT. 90 00

400-550# LATEST ESTB. MKT. UNQ

STEER CARCASSES
FOB AMARILLO BASIS
(0 LOADS REPORTED)
CHOICE 4

600-900# LATEST ESTB MKT 88 00 B

HEIFER CARCASSES
FOB AMARILLO BASIS
(0 LOADS REPORTED)
CHOICE 4

500-800# LATEST ESTB. MKT 88 00 B.

STEER AND HEIFER
PRIMAL CUTS
(0 LOADS REPORTED)
CHOICE 3
FOB OMAHA BASIS
HEIFER HINDS

120-165# LATEST ESTB. MKT. UNQ

FRONT QUARTERS

135-210# LATEST ESTB. MKT UNQ

COW AND BULL
CARCASSES
(10 LOADS REPORTED)

NO SALES REPORTED. SELLERS BULLISH ON VERY LIMITED OFFERINGS.

UT, BRK. 2-4

450 & UP 73.00-75.00 C.

UT, BNG 1-3

400 & UP FOB OMAHA 77.00 C, FOB E.TX & OK 78.00-79.00 C.

500 & UP FOB OMAHA UNQ, FOB E.TX & OK UNQ.

CUTTER 1-2

350 & UP FOB OMAHA UNQ, FOB E.TX & OK UNQ.

400 & UP FOB OMAHA UNQ, FOB E.TX & OK UNQ.

BULL 1-2

600 & UP FOB OMAHA UNQ.

BONELESS PROCESSING BEEF/
BEEF TRIMMINGS
(48 LOADS REPORTED)

90% FRESH 4 LDS. FOB OMAHA 117.00-118.00, FOB E.TX & OK 2 LDS. 118.00.

90% FROZEN FOB OMAHA UNQ, FOB E.TX & OK UNQ.

85% FRESH FOB OMAHA 103.00-105.00 C., FOB E.TX & OK 105.00-106.00 C.

85% FROZEN FOB OMAHA UNQ.

75% FRESH FOB OMAHA 85.00-85.50 C, FOB E TX & OK UNQ

75% FROZEN 3 LDS FOB OMAHA 88.00.

65% FRESH 2 LDS FOB OMAHA 68,00

50% FRESH 34 LDS FOB OMAHA 44 00-46 00.

50% FROZEN FOB OMAHA UNQ

50% BOXED 3 LDS FOB OMAHA 46 00

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

Greencastle Livestock

Greencastle, Pa.
Monday, July 4, 1988

CATTLE. SLAUGHTER STEERS - CHOICE & PRIME 68.00-73.10, GOOD & CHOICE 64.00-69.75; GOOD & CHOICE - HOLSTEIN 58.00-65 50, STANDARD & GOOD — HOLSTEIN 54 50-60.50 SLAUGHTER HEIFERS - CHOICE 67.00-72.00; GOOD & CHOICE 64 00-70 00; STANDARD & GOOD 56.00-64.25. COWS - UTILITY & COMMERCIAL 48.50-53.50, FEW TO 54.50; CUTTER & BONING UTILITY 46.00-51.50, FEW TO 52.50; CANNER & LOW CUTTER 46 50 & DOWN. BULLS - ALL WEIGHTS - YIELD GRADE 1 57.00-64.50, SEVERAL TO 66.50; YIELD GRADE 2 54.50-59.00. STOCKER CATTLE - ALL WEIGHTS - STEERS - MEDIUM & GOOD 60.00-70.50; HEIFERS - MEDIUM & GOOD 55.00-65.00; BULLS - MEDIUM & GOOD 52.00-62.00; STEERS - HOLSTEIN 56.50-60.00.

CALVES 605 HEAD — GOOD & CHOICE 125-250 LBS. 95.00-110.00; MEDIUM & GOOD 125-250 LBS. 75.00-94.00, MEDIUM & GOOD 80-120 LBS. 94.00-101.00; LIGHT & CULL - ALL WEIGHTS 93.50 & DOWN; HOLSTEIN BULLS - RETURN TO FARM UP TO 149.00; HOLSTEIN HEIFERS - RETURN TO FARM UP TO 100.00.

LAMBS, SHEEP & GOATS 109 HEAD. CHOICE LAMBS 52.00-54.00, MEDIUM & GOOD LAMBS 46.00-52.50, LIGHT LAMBS 52.50-61.00; SHEEP, EWES & BUCKS 10.00-22.00; GOATS ALL SIZES — (BY HEAD) SMALL 14.00-25.00, LARGE 25.00-45.00.

HOGS 168 HEAD. NO. 1-3 BUTCHER HOGS - 190-225 LBS. 42.00-44.75; NO 1-3 BUTCHER HOGS - 225-250 LBS. 43.00-46.60; NO. 1-3 BUTCHER HOGS - 250-300 LBS. 36.50-43.00; GOOD BUTCHER SOWS - 400 LBS. DOWN 27.00-33.50; GOOD BUTCHER SOWS - 400 LBS. UP 26.50-32.00, HEAVY BOARS - OVER 300 LBS. 21.50-23.00, LIGHT 27.00-30.00; PIGS - ALL SIZES (BY HEAD) 12.00-25.50.

SALE EVERY MONDAY AFTERNOON AT 3:30 P.M & THURS AT 1 00 P M

HAY & STRAW SALE EVERY MONDAY & THURS AT 11 30 A M

LEESPORT FARMER'S MARKET, INC.

North end of Leesport, PA — Turn East off Route 61

"WHERE FRIENDS MEET"

BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 10 A.M. TO 9 P.M.

Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes, Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.

PHONE: 215-926-1307 **BILL WEIST & WOODY WEIST, MGRS.**

Frank Glick, Lewistown, Pennsylvania
Why do you use PROBIOS® brand Microbial Products?

"I save more calves."

PROBIOS® brand Microbial Products . . . gets 'em eating — keeps 'em eating.

For the supplier nearest you, call **1-800-247-6782** or call your sales representative pictured here:

Rich Lutz
(215) 287-9732

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Gets 'em eating, keeps 'em eating. Count on it.

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TO BETTER EQUIPMENT
Find It In Lancaster Farming's Classified Pages.

HISTORIC COLUMBIA MARKET HOUSE

Farmer's Market Since 1869
Columbia, PA

OPPORTUNITY for management of existing Farmer's Market. The Borough of Columbia will be receiving proposals for a long-term lease/management agreement on the Columbia Market House, for continuing use as a Farmer's Market.

Interested parties contact: Gary Myers, Borough Manager, Borough Offices, Columbia, PA 17512 (717) 684-0221 8 A.M. - 5 P.M., Monday - Friday.

Also: **STANDHOLDERS** - Select stands still available for 1988. Reasonable rates, all products welcome.

Contact: Gary Myers, Borough Manager, (717) 684-0221

C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555

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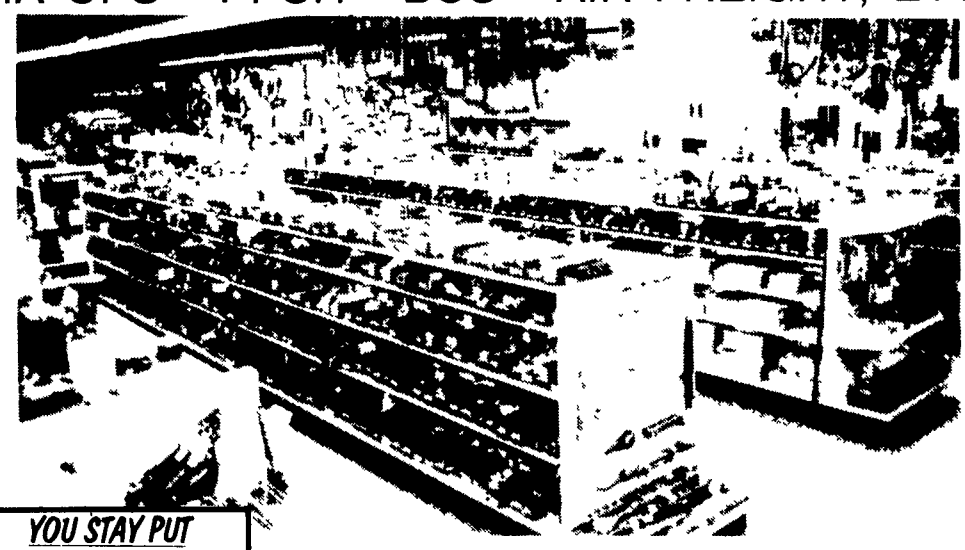
The Saving Place

WE SHIP PARTS DAILY

VIA UPS - PPSH - BUS - AIR FREIGHT, ETC.



YOU STAY PUT

Pick Up Your Phone And Place Your Parts Order With Us

HOURS
Mon.-Fri. 7 AM-5 PM; Sat. 7 AM-Noon

CALL US...
It Could Be We Have It

case IH
Authorized UPS Station

Leesport Livestock Auction

Leesport, Pa.
Wednesday, July 6, 1988
Report Supplied by PDA

CATTLE 270...PDA... Supply included 24 head feeder cattle ...Compared to last Wednesday's market: Slaughter steers $1 25 to $4 higher; Cows $1.75 to $3 higher Few High Choice & Prime 1200/1300 lbs sl. steers 69.35-70.75, Choice 1000/1325 lbs. 67-70.25, Select 65-68.25; Few High Choice & Prime 1350/1565 lbs. holsteins 66.25-69, Select & Choice 1200/1500 lbs. 60--67.75, Standard 57 00-63, few Utility & low Standard 50 75-53.00. Few Choice sl. heifers 62 75-65, few Select 56.75-63, few Standard 49.25-53.00. Breaking Utility & Commercial sl. cows 48-51.50, one 53.50, Cutter & Bon. Utility 47.50-50.25, one 50.75, Canner & Low Cutter 45.50-47.75, few down to 42.00, Shells down to 34.25. Select & Choice sl. bullocks 59.00-63.25, few 65 85, few Standard 54.75-58.50. Yield Grade No. 1, 1000/1800 lbs. sl. bulls 57.00-65.35, mostly 58.50-61.75. FEEDER CATTLE: Few Large Frame No. 2, 465/760 lbs. steers 59.00-65.00. Few Medium Frame No. 1-2, 425/650 lbs. heifers 58.50-66.00. Few Medium Frame No. 1-2, 300/500 lbs. bulls 59.00-70.00, one Lot Large No. 2, 690 lbs. 55.50.

CALVES 200...Vealers steady to strong. Few Choice 91.00-112.00, few Good 80 00-88, Standard & Good 85/110 lbs. 85 00-95, few 70/85 lbs. 80.00-86.00. Farm Calves: Holstein Bulls 95/125 lbs. 127.50-145, some to 100.00, 90/95 lbs. 94.00-108, few 70/85 lbs. 88.00-94.00; few Hol. Heifers 100/135 lbs. 98.00-106.00. Few Beef cross bulls & heifers 75/165 lbs. 95.00-120.00, one 142.50.

HOGS 374...Barrows and gilts uneven. US No. 1-2 220/245 lbs. 45.00-46, one lot 46.50, 1-3 210/250 lbs. 43.60-45.60, few lots 47.60, 2-3 220/255 lbs. 42-43.75, few 2-4 245/285 lbs. 40-41.10, few 1-3 180/200 lbs. 34.00-40.00. Sows $1 to $2 lower. US No. 1-3 300/500 lbs. sows 27.00-33, few 500/600 lbs. 25.00-27, few 2-3 425/600 lbs. 23.00-26, few Medium 315/450 lbs. 22.00-28.00. Boars 20.00-25, few Light weights 27.00-35.25.

FEEDER PIGS 155...US No. 1-3 25/55 lbs. feeder pigs 60.00-84.00, mostly 70.00-78, few 70/80 lbs. 55.00-67.00, few Utility 20/30 lbs. 55.00-61.00 --- all per hundredweight.

SHEEP 21...Few Choice 70/105 lbs. spring slaughter lambs 57.00-70.00, couple 45/50 lbs. 77.50&87.50. Few Slaughter sheep 15.00-26.00.

GOATS 22...Few Large Adults 42.00-50.00, one 67.50, Large Kids 27.00-42.00, --- all per head.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, July 5, 1988

CATTLE: STEERS: NO HIGH CHOICE OR PRIME OFFERED. GOOD-LOW CHOICE 64.00-69.00. HOLSTEINS- 2.00 HIGHER. CHOICE 63.00-66.00; GOOD 58.50-61.25; MEDIUM 52.50-57.75.

HEIFERS: GOOD HOLSTEINS 57.00-60.00.

COWS: ACTIVE! FIRM 2.00 HIGHER EARLYBIRD PENS 3.00 HIGHER. HIGH YIELD 50.00-55.00; GOOD 46.75-49.75; MEDIUM 44.50-46.50; BIG MIDDLE 43.25-47.50; SHELLY 43.00 & DOWN. FAT BULLS- MEDIUM-GOOD 57.00-63.00.

FEEDER CATTLE: STEERS 400-950 LBS. GOOD 65.00-70.00; COUPLE MEDIUM 63.00 & DOWN. HEIFERS (ALLW EIGHTS) MEDIUM-GOOD (HEAVY) 57.00-62.00.

VEAL CALVES: ACTIVE. CHOICE 99.00-107.00; GOOD 93.00-98 00; MEDIUM 85 00-92.00; LIGHT/WEAK 84.00 & DOWN; FARM BULLS 120.00-155.00.

HOGS: BARROWS & GILTS 1.00 LOWER. US NO. 1-3 210-250 LBS. 44.00-45.00; UNDER 200 LBS. 37.00-41.75; 2 & 3'S 43.00-43.85.

SOWS: OVER 450 LB. 25.00-28.50; UNDER 450 27.75-31 00; 2 & 3'S 21.00-26.75.

BOARS: HEAVY 20.50-23.00; UNDER 300 LBS. TO 28.50.

FEEDER PIGS: (BY THE HD.) (20-25 LBS. 13.00-21.00) (35-50 LBS. 29.00-30.00).

SHEEP: CHOICE 60-70 LBS. 63.00-67.00; CHOICE 85-110 LBS. 56.00-59.00; MEDIUM-GOOD 50.50-55.00. EWES 10.00-14.00. GOATS-(LG) 55 00-75.00; (HD) SM /MED. 20 00-45.00.

NOTE: SALE EVERY TUESDAY EVENING 5:30 P.M. RABBITS, POULTRY & EGGS, 7.00 P.M LIVESTOCK.

St. Louis Cattle, Hogs

Tuesday, July 5, 1988

CATTLE AND CALVES 700: (600 SLTR, 100 FDRS) TRADING ACTIVE. AS COMPARED TO LAST MONDAY, SLAUGHTER STEERS AND HEIFERS 1.50-2.00 HIGHER, EXCEPT HOLSTEINS STEERS FIRM TO 1.00 HIGHER. COWS MOSTLY 4.00, INSTANCES 5.00 HIGHER THAN LAST WEEK'S TERMINAL MARKET CLOSE. BULLS 1.00-2.00 HIGHER. SLAUGHTER SUPPLY MAINLY CHOICE AND MIXED SELECT AND CHOICE STEERS AND HEIFERS, AROUND 10% COWS.

SLAUGHTER CLASSES: SLAUGHTER STEERS: CHOICE 2-4 1050-1300 LBS. 65.00-66.50, MOSTLY 65.00-66.00 CHOICE 2-3 1100-1300 LBS. 66.25-66.50 SELECT & CHOICE 2-3 950-1250 LBS 62.50-65.50 SELECT 2-3 900-1250 LBS. 60.50-62.50.

HOLSTEINS: CHOICE 2-3 1150-1150 LBS. 60.00 SELECT AND CHOICE 2-3 1100-1500 LBS. 53.00-58.00.

SLAUGHTER HEIFERS: CHOICE 2-4 900-1150 LBS. 63.50-65 00 CHOICE 2-3 1050-1150 LBS. 65.00 SELECT AND CHOICE 2-3 850-1050 LBS. 60.50-63.50 SELECT 2-3 900-1100 LBS. 56.50-60.50 800-900 LBS. 51.50-56.50 SLAUGHTER COWS: CUTT, UTIL, COMM BULK SALES HI DRESS % LO DRESS % BREAKING 2-4 42.00-46.00 BONING 1-2 46.00-48.00 48.00-49.00 FEW UP TO 50.00 CANNER AND LOW CUTTER 1-2 41.00-45.00 SHELLY CANNER 36.00-41.00.

SLAUGHTER BULLS: YG 1 INDIVIDUAL 60.00 YG 1-2 1150-1700 LBS. 51.00-55.00 DS CB 65.50-66.25 CC 66.00-66.50 CE 64.00-65.00 CF 65.00-66.00 CG 65.50-66.50 CI 60.50-61.50 CJ 61.00-62.00 CK 61.50-62.50 CM 57.00-59.50 CN 58.00-60.00 CO 53.00-58.00 CP 54.00-58.50 CS 64.00-64.50 CT 64.50-65.00 CU 62.00-63.50 CV 63.50-64.50 CW 64.00-65.00 CX 51.50-56.50 CY 56.50-60.50 CZ 56.50-60.50 DB 42.00-45.00 DC 43.00-46.00 DD 46.00-50.00 DE 44.00-50.00 DF 40.00-44.00 DG 52.00-57.00 DH 55.00-60.00 DI 51.00-55.00.

North Jersey Livestock

Hackettstown, NJ
Tues., July 5, 1988
Report supplied by auction

CALVES .40-1.48.
NON CERTIFIED CALVES .70.
COWS .35¼ -54½ .
EASY COWS .22½ -.45¾ .
HEIFERS .45-.68.
BULLS .52½ -.67½ .
STEERS .70¼ -.72.
HOGS .18-.39¼ .
ROASTING PIGS, EACH 12.00-30.00.
BOARS: .20.
SHEEP .10-.85.
LAMBS, EACH 23.00-64.00.
LAMBS: 29.00-93.00.
GOATS, EACH 16.00-77.00.
KIDS, EACH 6.00-43.00.
TOTAL 1,161.

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CORRECTION

The Safemark Ad of July 2, 1988 listed the Sure-Trac 3 Rib 600-16TT 6 ply tire for $36.00 The correct price is $42.00. Lancaster Farming regrets this error.

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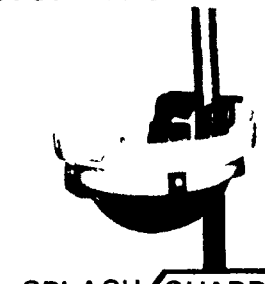

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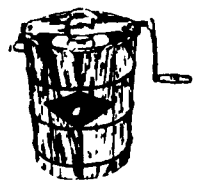

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Consider Non-Protein Nitrogen For Lactating Cows

BY DR. LIMIN KING, JR.
Ruminant Nutritionist
University of Delaware

With soybean prices skyrocketing to a 15-year-high, it may be time for dairy farmers to consider alternative protein supplements such as non-protein nitrogen (NPN) for their lactating cows.

Considerable debate exists over the value of NPN compounds such as urea and ammonia in dairy diets, but, when properly managed, these compounds can be an effective source of low-cost protein.

Although some producers feel the potential problems outweigh the benefits, many others are using NPN with great success. In 1973, when the price of soybean meal exceeded $300 per ton, more than one million tons of urea were used in ruminant diets, saving producers an estimated $600 million.

NPN compounds work by providing nitrogen used for protein synthesis by microorganisms in the cow's rumen. These microorganisms ultimately pass to the lower digestive tract where they supply the cow with true protein.

Depending on the situation and need, NPN may be beneficial or detrimental. A common feeding fault is using it in cases where rumen degradable protein was probably sufficient already. In fact, many ensiled feeds contribute NPN to the diet and should be considered in calculating the overall NPN load.

It's common to hear negative comments about NPN compounds in the field. Urea, specifically, has been shown to reduce feed intake and cause many health-related problems when mismanaged. Excessive urea certainly can be detrimental, but, when fed within recommended limits and according to suggested guidelines, the health of dairy cattle is not adversely affected.

I often hear producers complain about NPN interfering with reproduction. Again, that's the result of poor management. A study at Michigan State University over a five-year period failed to correlate NPN feeding with poor reproductive performance. That study involved records from 1,400 DHIA herds with more than 85,000 individual cow records. Other university studies showed that 300 cows fed diets with or without NPN had similar services/conception, days open, number of cows settled first service and similar number of cows settled.

Some researchers have suggested that high-producing cows in early laction should be fed diets supplemented only with natural protein (no NPN). However, these researchers overlooked the fact that many ensiled forages contain high levels of naturally occurring NPN.

When I was at Michigan State University, we proposed the feeding of NPN with protein of low rumen degradability (bypass protein such as heated or extruded soy, dried brewers grain or corn gluten meal) for maximum production and profit in early lactation. Cows in early lactation were fed ammonia-treated corn silage with heated soybean meal in diets containing 14.4 percent to 17.7 percent crude protein.

On these diets, milk production throughout the first 14 weeks of lactation averaged about 75 pounds per day, and many animals had peak milk in excess of 110 pounds per day. Results from that study showed milk production from cows fed diets with NPN and bypass protein was equal to or superior to that on diets containing soybean meal or heated soybean meal without NPN.

Utah workers reported similar findings in a study with high-producing cows (averaging more than 80 pounds of milk per day) fed extruded cottonseeds and urea. Performance was compared to that of cows fed diets containing no NPN and all extruded cottonseeds, and diets with and without NPN and normal cottonseeds. In both the Michigan and Utah studies, diets containing NPN were most productive and economical in return over feed costs.

Another misconception is that feeding NPN compounds increases the chances for nitrate poisoning. However, research data confirms that there is no relationship between NPN and nitrate toxicity.

Unfortunately, most NPN compounds are instantaneously available in the rumen and may be inefficiently utilized by rumen microorganisms. Traditional methods of incorporating urea into a grain mixture fed once or twice a day are probably the least efficient ways to use NPN. Studies have shown that animals perform better when urea is offered in multiple feedings or incorporated into a total mixed ration.

Urea should not exceed 1 percent to 1.2 percent (dry matter basis) in a complete diet or 1.5 percent to 1.75 percent in a concentrate. A 1,400-pound cow should not consume more than .4 to .5 pound of urea per day. To avoid drops in intake and production, cows should be adapted to urea diets over a two- to three-week period. If the diet is mainly fermented feeds, urea is probably not needed. Urea may also cause problems if mixed with other high-moisture feeds because it may break down to ammonia before it is consumed by the animal.

Do not feed NPN from more than one source. For example, do not use urea in your concentrate if you area already feeding NPN-treated corn silage.

NPN can best be incorporated into corn silage during ensiling and will increase protein from about 8 percent to 12 percent (dry matter base). Urea can be added to corn silage during ensiling at the rate of 10 to 12 pounds per ton of wet (65 percent moisture) forage, but it should not be used if forage moisutre is much below 58 percent to 60 percent. Anhydrous ammonia (6 to 7 pounds per ton wet forage) or aqua-ammonia mixes (20 percent to 30 percent nitrogen at a rate of 20 to 30 pounds per ton) are even more beneficial since they also prolong bunk life during feedout and increase the true protein content of corn silage.

When feeding NPN-treated corn silage, special attention should be given to dietary sulfur. Corn silage contains only about .08 percent sulfur, and diets for milking cows should contain at least .2 percent to .25 percent sulfur. Diets of milking cows should also contain 12 to 15 times as much nitrogen as sulfur. When NPN is added to corn silage, 3 pounds of calcium sulfate (gypsum with 18 percent sulfur) per ton of silage improves the nitrogen/sulfur ratio.

As with all chemicals, certain precautions should be taken when handling ammonia-type compounds. Wear eye protection and have water for washing available when making connections to pressurized tanks.

In summary, NPN has been successfully used in diets for high-producing dairy cows. For best results, producers must follow recommended management guidelines and feed NPN with proteins that are less degradable in the rumen. Indiscriminate use of NPN in all dairy rations is not recommended.

Recent advances in the understanding of protein nutrition for dairy cattle take into account the rumen-degradable and undegradable concept, and some feed companies and analytical labs will provide estimates of these in formulating diets for your lactating herd.

FARM BUREAU ACRES

(Continued from Page A3)

spreads were unwound on weakness in early trade in the grain pits. The July contract was up 50 points on professional frying spured by ideas slaughter levels will moderate because of hot weather. Bellies settled sharply lower to limit-down on continued bearishness over last Thursday's USDA Hog Inventory Report.

ACRES NEXT DAY OUTLOOK: cash - steady futures - steady.

Greencastle Livestock

Greencastle, Pa.
Thursday, July 7
Report supplied by Auction

CATTLE: 314. Cows uneven, steady to 1.50 lower. One Select sl. steer 60.50; one Select holstein steer 57.50; Breaking Utility & Commercial cows 46.00-50.00, Cutter & Boning Utility 4575-50.50, Canner & low Cutter 41.00-45.00, Shells down to 38.00; YG 1 1200-2000 lb. bulls 57.50-64.00, few No. 2 1200-1350 lbs. 52.00-54.00.

CALVES: 646. Choice Vealers 83.00-95.00, few Good 75.00-80.00; Standard & Good 70-100 lbs. 85.00-93.00; Utility 60-90 lbs. 76.00-86.00. Farm calves hol. bulls 90-125 lbs. 94.00-154.00; heifers 95-130 lbs. 95.00-106.00.

HOGS: 35. US 1-3 one lot 240 lbs. at 44.00; US 1-3 295-635 lb. sows 24.75-30.00; few Boars 23.00-28.75.

FEEDER PIGS: 4. No market test.

SHEEP: 8. Few Choice 65-110 lb. spring lambs 48.50-54.00.

GOATS: 21. Large 25.00-46.00 per head.

Peoria Sheep

Peoria, Illinois
Tuesday, July 5, 1988

150 TRADING MODERATE. SPRING SLAUGHTER LAMBS MOSTLY 1.00 LOWER NOT ENOUGH SLAUGHTER EWES OFFERED FOR A MARKET TEST

SHORN SLAUGHTER LAMBS:
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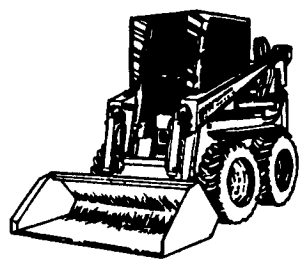

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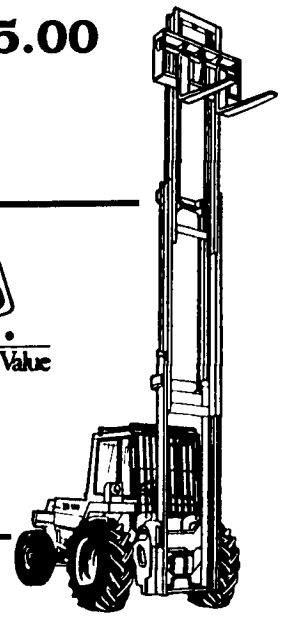

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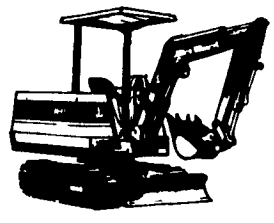

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Statewide Dairy Group Honors "Ice Cream Month"

HARRISBURG (Dauphin) — "Summer Love Sundae Tuesday", the annual event honoring July as "Ice Cream Month" in Pennsylvania, is coming to the state capital July 19.

In recognition of Pennsylvania's ranking as the nation's second largest ice cream-producing state, the Pennsylvania Dairy Promotion Program is holding an old-fashioned ice cream social on the steps of the Capitol Building from 11AM to 2PM on Tuesday, July 19.

Governor Casey, members of the House and Senate Agricultural Committees and other dignitaries have been invited to the event, the highlight of which is the distribution of some 10,000 free single-serving ice cream sundaes, featuring chocolate, vanilla, peach, tin roof, cookies 'n' cream and peanut butter ripple ice cream provided by members of the Keystone Ice Cream Association.

"Summer Love Sundae Tuesday" is open to the public free-of-charge, and will include live Dixieland jazz music provided by the four-piece "Creole Kings" band.

Earlier in the month, the Pennsylvania Dairy Promotion Program will join the Centre County Dairy Promotion Committee in constructing and giving away two giant banana splits during "Children's Day", July 6 at the Pennsylvania Festival of the Arts in State College.

Two, 15-foot canoes will be filled with all the "fixin's" for banana splits at 1:30PM on the lawn in front of Penn State's Old Main.

The Pennsylvania Dairy Promotion Program is governed by Pennsylvania dairy farmers and promotes consumer awareness and consumption of real dairy products.

Forage Analysis Made Easy

ITHACA, NY — Now dairy farmers can compare the forage analyses of different hays and select the best hay easier than ever before.

The Hay Marketing Task Force of the American Forage and Grassland Council has endorsed the use of Relative Feed Value (RFV) as a measure of forage quality. RFV is calculated from a hay's two major fiber components.

The Northeast DHIA Forage Analysis Laboratory just began providing RFV for common hays and haylages. According to Paul Sirois, DHIA Forage Lab Manager, "RFV has been around for some time, but in various forms. We are joining Wisconsin and Minnesota in applying this latest set of equations. This will hopefully lead to the acceptance of uniform equations across the county."

There are three main components of hay that relate to its feeding value for dairy cattle — available protein, acid detergent fiber (ADF), and neutral detergent fiber (NDF). Up to now, hay has been evaluated primarily on its available protein, largely ignoring ADF and NDF.

People who feed cattle know how much of a given hay a cow will eat, and how much energy she gets from each pound is as important as the hay's protein. "Neutral detergent fiber is strongly correlated with intake, and acid detergent fiber is closely tied with digestibility, or the hay's energy value," according to Paul. "As the fiber components increase, the potential for production decreases."

The reference point is a RFV of 100. That hay would contain 41% ADF and 53% NDF. Roughly speaking, that would correspond to a full bloom alfalfa with a crude protein of 15%.

The Northeast DHIA Forage Analysis Laboratory will provide Relative Feed Values for legume, grass, and mixed legume-grass hays and haylages analyzed for ADF and NDF.

For more information, call the Forage Laboratory at 1-800-344-2697 (NY) or 1-800-255-5344 (Northeast.)

Soil Conservation Helps Produce Yields During Droughts

LEESPORT (Berks) — Soil conservation practices provide benefits during a drought, reports a USDA Soil Conservation Service conservationist. "Although farmers generally recognize the value of controlling erosion during rainfall," reported John Fior, soil conservationist, "many are not aware that soil conserving practices such as contour stripcropping, terracing and no-till farming help in times of drought."

Soil conservation practices hold the rainfall on the land to reduce water runoff. Reduced runoff lowers soil loss. Holding the rainfall on the land allows more water to soak into the soil. This provides greater recharges in soil moisture and ground water. More moisture is stored in the soil and is available for crops during periods of below normal rainfall.

Fior explains that every row becomes a small dam when farm crops such as corn or soybeans are planted on the counter. This small dam traps surface water, increasing water infiltration. Cropland storage terraces collect and hold runoff up to 24 hours. This short duration storage permits more rain to soak into the ground.

No-till farming--planting in a slot, existing sod or plant residue--conserves ground water. The residue acts as a mulch and reduces soil moisture evaporation.

"Corn planted no-till or with other soil and water conserving practices appears to have a definite edge in this year's dry weather," stated Fior.

"It just makes sense," he added, "When you conserve water not only is soil erosion reduced but more water is available in the soil for plants. In times of drought, it can be the difference between profit and loss with a farm crop."

Fior summed it up with this statement, "Soil conservation is the best form of crop assurance available to the farmer."

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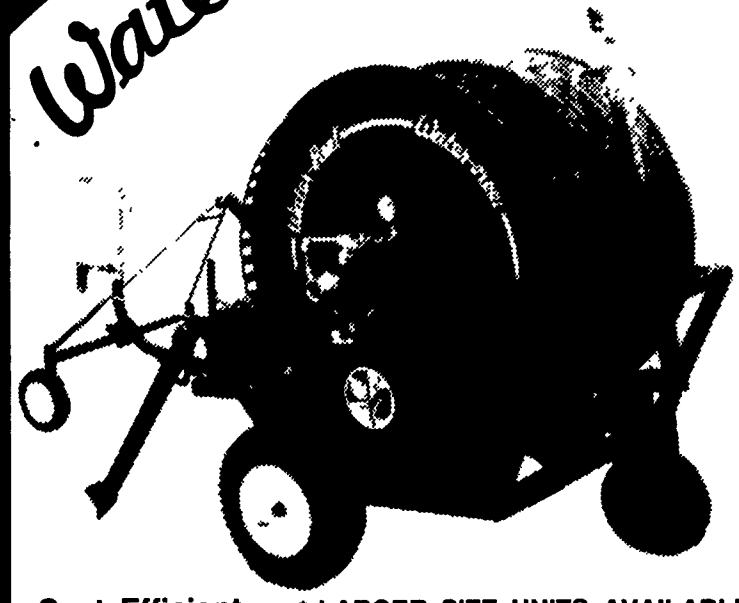

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Maximizing Hay's Nutrient Value Saves Money

BY LISA RISSER

LITITZ (Lancaster) — With soybean prices up 70 percent and corn up 50 percent, now's the time to maximize the nutrient value of hay. Top-quality alfalfa hay or haylage will provide about 23 percent protein and 64 percent total digestible nutrients, and will allow farmers to buy less soybean and corn for their livestock.

The quality of the alfalfa can be decreased in several ways. It can be lost in the field or during storage or feeding. To minimize field loss, it should be cut at the proper time. Delaying the harvest due to bad weather may or may not be a good idea. For every day that cutting is delayed after prebud stage, 1 percent protein is lost. Successful cutting management takes into account the weather, the plants' maturity, how many cuttings have been harvested that year, and the stand's health.

In general, there has been a tendency of getting farmers to cut alfalfa early, which is harmful to the stand — Tom Kichura

There is some discussion among nutritionists and forage experts as to the optimum time to cut. "When deciding when to cut alfalfa, you must compromise between quality and yield," explained Sid Bosworth, Penn State extension specialist on forages. "If you cut in the late-bud stage, you will have less yield than if you waited for the bloom stage, but the quality is higher. For most dairymen, the compromise is worth it.

"For high-quality feed," he continued, "if you have a healthy stand that's under optimum fertility, normally the first cutting is mid- to late-bud. If you wait until first bloom to cut your alfalfa, by the time you get to the last fields, those might be in late to full bloom."

If one or more fields have been weakened by winter injury, Bosworth advises cutting them last so that the plants' root systems have time to draw more reserves.

Tom Kichura, director of nutrition for F.M. Brown's Sons in Birdsboro, is one expert who does not recommend cutting alfalfa early. "In general, there has been the tendency of getting farmers to cut early, which is harmful to the stand," he said. "Cutting early causes the stand to last two to three years instead of four to five years. In order to achieve the optimum balance between stand life and nutrient quality, farmers should cut when they see the first flower."

When deciding when to cut alfalfa, you must compromise between quality and yield — Sid Bosworth

According to Kichura hay cut too early will have too much soluable protein, or not enough bypass protein, and insufficient fiber.

For second or third cuttings Bosworth feels farmers should hold off until the stand is one-tenth bloom before cutting so that the plants have a chance to build up reserves in their roots.

In a dry year, such as this one, if the field matures and the plant is very short, about four to five inches, a farmer should decide on harvesting dependent on his on-hand forage reserves, according to Bosworth. "If the crop is not harvested, it still should be clipped, though, in order to remove old growth, which will help the new groth when rain occurs."

Alfalfa tends to go into dormancy during a dry period. It can survive fairly dry weather if its roots don't dry out.

After the first cutting, farmers should check their alfalfa stands for insects. Alfalfa weevils cause damage to the crowns of regrowth. A common rule of thumb for weevil infestations is that if there are two or more weevils in each crown, the farmer should take action. Another insect to watch for is the potato leaf hopper, which shows up around mid-June and stays until early September.

When the hay is extremely dry, farmers should bale at night or in the early morning when there is dew on the hay — Tom Kichura

"Potato leaf hoppers put a lot of stress on a plant and in a dry year, when the plant is already stressed, its effects can be devastating," commented Bosworth. "The threshhold varies for potato leaf hoppers depending on the value of the crop, cost of the pesticide, and how soon the crop will be harvested. If the alfalfa is in dormancy because of drought, you probably don't need to worry about potato leaf hoppers because there is no leaf material for them to attack."

For more information on potato leaf hoppers, Bosworth recommended obtaining a pamphlet, "Pest Management Program For Alfalfa in Pennsylvania" at county extension offices.

Another field loss occurs during drying time. "When you cut forage, until it dries down to 30 to 40 percent moisture content, the plants continue to respire, which causes a loss of dry matter," said Bosworth. "We have to live with this loss to a certain degree. You can reduce it, though, by drying down the hay as quickly as possible." A faster drying time also reduces the risk of rainfall, which can cause loss of soluable nutrients such as protein and carbohydrates.

Quick drying can be achieved through mechanical conditioning, which crimps the stems to release moisture and reduces drying time by a half to a whole day; spreading the windrow out to expose as much as possible to the sun; raking; and chemical conditioning. Chemical conditioners include potassium carbonate and potassium sodium carbonate.

"Potassium carbonate is a desiccant that draws moisture out of the stem," said Kichura. "As the alfalfa is bent over and cut, it is sprayed at the base of the stem." By drying the stem, total drying time is reduced as the stem takes longer to dry than the leaves. Therefore more leaves will be retained, and the leaves contain most of the plant's protein.

Drying quickly isn't much of a problem this year, but rather the hay becoming too dry. If the windrow gets too dry, raking can cause leaf shatter as can baling. "Moisture influences leaf shatter," Kichura observed. "When the hay is extremely dry, farmers should bale at night or in the early morn-

(Turn to Page A21)

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Baltimore Farm Credit Bank Announces Merger

BALTIMORE, Md. — The Federal Land Bank of Baltimore and the Federal Intermediate Credit Bank of Baltimore, two major regional agricultural lending institutions, will merge, effective July 6, to form the Farm Credit Bank of Baltimore.

The merger of the Federal Land Bank (FLB) and Federal Intermediate Credit Bank (FICB) into the Farm Credit Bank of Baltimore is part of the implementation of the wide sweeping Agricultural Credit Act of 1987. The Act, signed into law by President Reagan in January of this year, enables the separately chartered banks to merge their operations into more efficient operating units.

"We have been operating, from the public's perspective, as a single bank, the Farm Credit Bank of Baltimore, since 1977," said bank president Gene L. Swackhamer. "But, since both the FLB and FICB were separately chartered lending institutions, we had to maintain separate internal financial, accounting, and reporting procedures. It required an act of Congress to enable us to streamline our operations into a more efficient unit."

The most discernible effect on bank operations resulting from the merger will be, according to Swackhamer, the change in nomenclature and the ability to consolidate financial statements from the previously separate institutions. The ownership of the bank remains with Farm Credit Association shareholders.

In a separate action, the stockholding cooperatives of the Baltimore Bank for Cooperatives voted on June 30 whether or not to merge with the other banks for Cooperatives and the Central Bank for Cooperatives. The results of this vote will be available in early July.

The Federal Land Bank of Baltimore, chartered in 1917, was established to provide long term agricultural credit needs. In 1923 the Federal Intermediate Credit Bank of Baltimore was chartered to furnish short and intermediate loans to farmers.

The Farm Credit Bank of Baltimore provides more than $2.4 billion in loans to over 50,000 farmers through local Federal Land Bank Associations and Production Credit Associations in the states of Maryland, Virginia, Pennsylvania, West Virginia, Delaware and the Commonwealth of Puerto Rico.

Maximizing Hay's Nutrient

(Continued from Page A20)

ing when there is dew on the plants."

Bosworth concurred, adding that, "it's best to rake when there is 50 percent moisture in the hay, or wait until the next morning. It might be okay to harvest in the evening if the plants moisten up enough."

During normal summer weather conditions, drying hay to the recommended 18 to 20 percent moisture content can be difficult. Many times farmers will use preservatives, which don't dry the hay, but preserve it so that it may be baled at a higher moisture content than normal.

Usually when hay with a moisture content of higher than 20 percent is baled molding, heating, spoilage, and sometimes fire can occur. Preservatives inhibit the growth of fungal and yeast organisms that can create heat within the bale. With this danger removed, hay can be safely baled at moisture levels up to 30 percent, which also promotes greater leaf retention.

"The most reliable preservative that I feel can be purchased and can work in up to 30 percent moisture is concentrated proprianic acid. Applied at the proper rate, it has been shown to be effective," stated Bosworth.

Preservatives are applied during baling. Penn State agronomic officials recommend applying 20 pounds per ton, when baling hay at 25 percent moisture content. As the moisture content increases so does the amount of preservative needed.

"Some research findings have shown that it doesn't pay to use preservatives though if you have good drying weather like this year," added Bosworth.

Currently silage innoculants are being marketed as hay preservatives. Research is still be conducted as to their effectiveness, with mixed results so far.

Soaring Feed Costs Mandate Higher Milk Prices

CAMP HILL (Cumberland) — A milk price increase is being sought today by dairy farmers, because of the escalating feed cost brought on by the drought in the Midwest. An emergency hearing by the Pennsylvania Milk Marketing Board (PMMB) has been requested by the Pennsylvania Farmers' Association (PFA).

"Feed costs for dairymen are soaring higher each day," said Keith W. Eckel, PFA president. "We have seen nearly a 50 percent increase in corn prices, because of the drought in the Midwest. Furthermore, our own corn crop in Pennsylvania is being threatened by the lack of rain.

"Dairymen like all farmers are at the mercy of the continuing drought," the state farm leader stated, "but it's extremely difficult for dairymen to sell livestock to offset production costs, because this action would deprive them of any means for potential income.

"Now, if you take that information into consideration and realize that Pennsylvania is a grain deficit state, getting needed grain from the Midwest," Eckel explained, "it isn't difficult to realize how desperate the situation could get for dairy farmers."

Livestock farmers are feeling the strain of high feed prices with the drying up of farmland in the Midwest corn belt. The red meat market is being depressed because farmers in the drought area are liquidating livestock herds, along with some Pennsylvania farmers, who are being forced to purchase high priced feed stuffs for their animals.

Eckel explained, "It would not be in the best interest of consumers to 'dry up' the supply of milk with herd liquidation, or to further flood the red meat market with dairy herd liquidation if dairymen can not recover their production costs."

The state farm leader said that the orderly marketing of livestock is in the best interest of the consumer, because it generates a steady, dependable supply of red meat products.

PMMB has the authority to increase the price of milk paid to dairymen in Pennsylvania.

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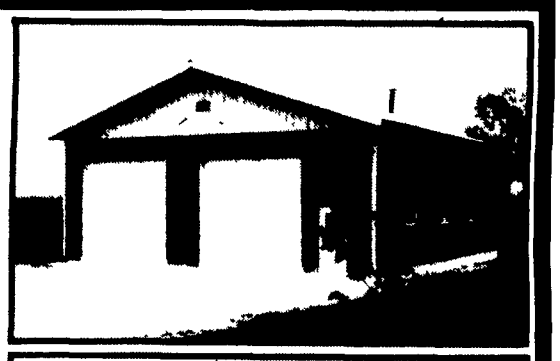
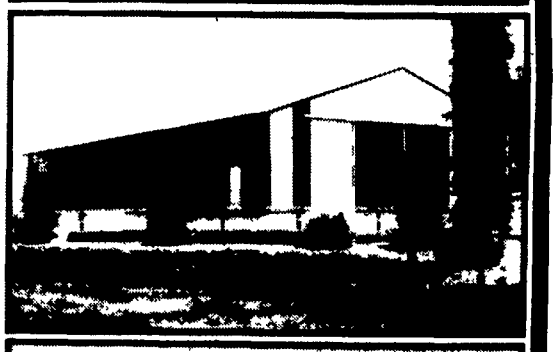

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Rutherford Urges Congress To Stop 1989 Milk Price Cut

SYRACUSE, NY — In letters to members of Congress and the Secretary of Agriculture, the former chairman of the National Commission on Dairy Policy has asked that the 50-cent dairy support price cut authorized for Jan. 1, 1989, be eliminated.

Clyde E. Rutherford, an Otego, N.Y., dairy farmer and president of Dairylea Cooperative, Inc., pointed out that, up to now, predictions have estimated sales to the government in 1989 at up to eight billion pounds (milk equivalent). This, he said, may be dramatically changed because of drought-curtailed production in many parts of the nation, including the Northeast. Under current law, if CCC purchases of surplus dairy products are projected to exceed five billion pounds in 1989, the Secretary of Agriculture is empowered to cut the dairy support price by 50 cents per hundredweight.

Rutherford cited skyrocketing grain costs as a factor in the unpredictable production picture because hard-pressed farmers are reducing the feeding of high-cost grain to their cows and are depending more on hay and silage.

"Hundreds of farmers are facing the point of no return" said Rutherford. "With the drought that has reduced supplies of feed ingredients, cost of feeding our cows has increased shockingly. A recent commodity report shows barley up 113% over last year, Corn up 80%, hominy up 50%, oats up 130% and soybean meal up 76%...

"Overall, the projections for milk production in 1989 have indicated that CCC purchases will exceed the 5 billion pound "trigger." However, with the drought and consequent increases in feed costs, it is anyone's guess as to what the end result will be. At the very least, our governmental leaders should exercise both caution and compassion in making decisions that will permanently affect thousands of farm families, and, ultimately, millions of consumers.

"I would ask that as you look at this total situation, you consider favorably legislative proposals which would increase the trigger level for the January 1, 1989 support price cut to at least seven billion pounds. If it is not possible to accomplish that, may I ask that you do everything in your power to find a way to head off the projected January 1 cut. We should not be faced with this potentially disasterous action as farmers head into next year with high feed costs and short supplies of hay and grain. Let's get a delay on any further reductions in the support price until we see what next year really brings in the way of milk production. Dairy farmers in all states need a break... they certainly are not getting one from the weather."

Dairy Council Develops Physician Program

SYRACUSE, NY — "Health...Your Choice," a new packet of nutrition resource materials, has been developed by Dairy Council Inc. The packet offers physicians the opportunity to provide nutrition education to their patients using materials from the Dairy Council. The packet includes nutrition research materials for health professionals as well as patient education pamphlets, and is offered to physicians, dietitians, and allied health professionals free-of-charge.

Information on general nutrition, weight management and calcium issues is included for the health professional. The patient education materials address topics such as lactose intolerance, osteoporosis and diet during pregnancy - each written in an informative yet easily understood manner.

"Health...Your Choice" helps physicians more effectively reach consumers with the message that there is a dairy food to fit a variety of individual lifestyles and preferences. Physicians need to feel confident in helping their patients choose dairy foods as part of a healthy balanced diet.

Dairy Council Inc. is a non-profit nutrition education organization serving the health and education communities in New York, New Jersey and Pennsylvania. It is funded by 20,000 dairy farmers from this tri-state area.

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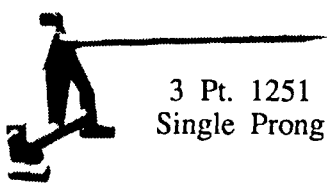

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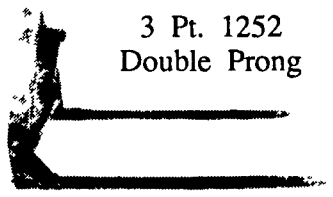

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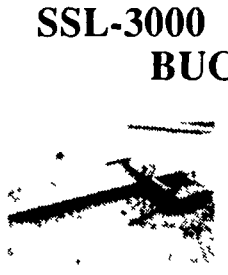

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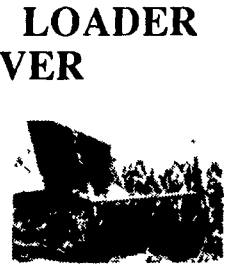

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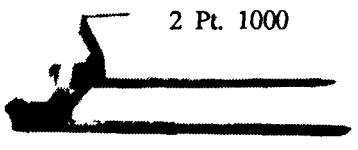

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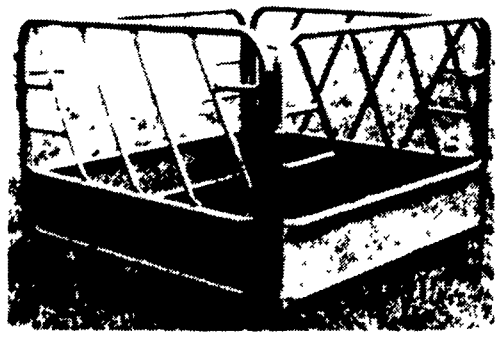

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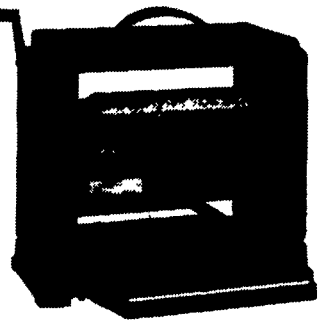

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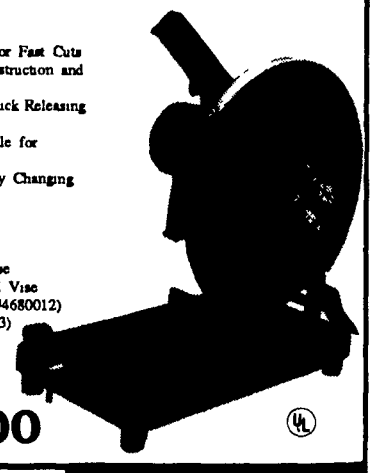

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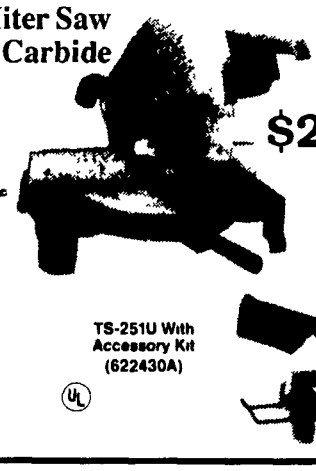

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Avoid Fatal Farm Accidents

The Extra Rider Is A Hazard On Farm Vehicles

BY ROBERT LEIBY AND DAVID DUNBAR
Lehigh Co. Coop. Extension

ALLENTOWN (Lehigh) — Did you know that during 1977, 1978 and 1979 over half of all reported farm accidents in Pennsylvania involving extra riders were fatal? Or that three quarters of the riders injured or killed were under sixteen years of age? Dennis Murphy, Penn State Agricultural Engineer, shares these statistics to illustrate that transporting passengers on farm machinery is a more serious hazard than most people think. Fortunately, it is a hazard that is easy to safeguard against.

Extra riders who are involved in farm vehicle accidents fall into two categories, necessary and unnecessary. Unnecessary riders are passengers who are not required to be on moving farm vehicles. In most of these cases, the passengers are young children who are being transported to or from the fields or who are simply riding for the fun of it. Their presence is neither helpful to the operator nor required by the operation at hand.

Because of its many uses around the farm, the tractor is involved in more unnecessary rider accidents than any other farm vehicle. Part of the reason is that this machine is both readily available and quickly adaptable for the transport of people and is also considered great fun by most children. As a tractor operator, however, you should never use your tractor as a transport or recreational vehicle. Tractors are not engineered to safely carry extra riders. Because tractors have neither rider safety devices nor seats for riders, passengers can easily be thrown by unexpected jolts or turns. Every operator should make it a rule never to allow unnecessary riders on a tractor.

Carrying unnecessary riders on towed equipment, especially farm wagons, is nearly as hazardous as transporting them on tractors. Personal injury from farm wagons ranks second only to tractor injuries. More importantly, falls from wagons account for over 50 percent of wagon-related accidents. The safety conscious operator should be wise enough to extend the no-rider rule to toward equipment.

Not all farm wagon injuries to unnecessary riders occur from falls. Ejected hay bales can cause serious injury to a rider who becomes crushed between them in a hay wagon. Head and facial injuries are common when extra riders are peppered by silage or corn when riding in wagons trailing harvesting machines. During these kinds of operations there is no reason for anyone to be in or on a wagon while it is in use. For their safety and your peace of mind, forbid all extra passengers from riding on equipment.

The other major category involving extra riders includes farm workers whose job requires them to ride certain equipment while it is in use. Where there is necessary, it is usually because the farm operation undertaken cannot be completed properly without extra riders. In general, these workers perform functions that cannot be done by the machine operator or the machine. We call them "necessary" riders.

Although many specialized machines, such as tomato harvesters, require riders other than the operator, the most common farming operation in Pennsylvania requiring extra riders is haying. Certain safety precautions should be observed, however. Machine operators with passengers should look out for the safety of their riders by using slow speeds while towing or turning, by starting and stopping smoothly, and by avoiding bumps and other obstructions. Riders can increase their own safety by sitting whenever possible and wearing shoes with non-skid soles.

Another time when it might be necessary to carry an extra rider is during the instruction of a new operator. When this involves a tractor, the instructor or student should stand behind the operator's seat on the draw bar, with the vehicle free of any towed implement. This will reduce the chances of being run over should that person accidentally fall. With self-propelled machines or tractors with cabs, the extra rider should enter the cab with the operator, where possible, and should make every effort not to interfere with the driver's operation of the controls. Instructions should always be given at reduced speeds, on level ground, and away from traffic and other hazards.

Most accidents involving necessary riders could be prevented through clear communication among operators and riders. Safety oriented supervisors should discuss with all workers the way in which an operation will be carried out. Be sure each person understands specific responsibilities and potential hazards.

Carrying passengers on farm machinery is very risky. For your safety, and the safety of others, try not to carry unnecessary passengers on tractors, towed implements, or self-propelled machines.

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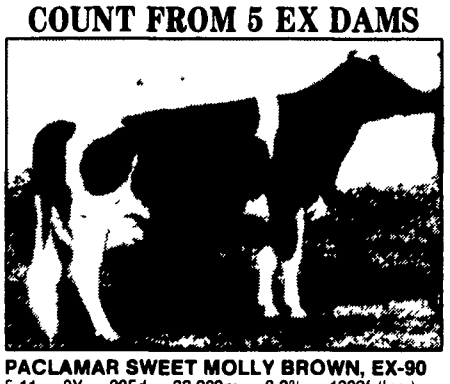
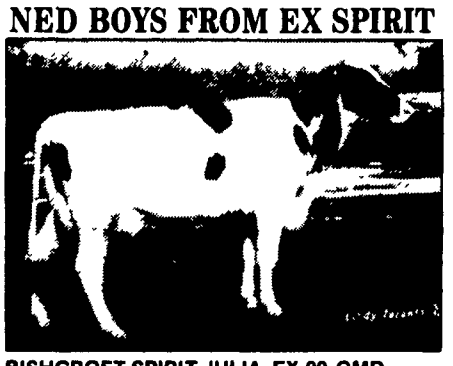
COUNT FROM 5 EX DAMS



PACLAMAR SWEET MOLLY BROWN, EX-90
5-11 3X 295d 33,269m 3 9% 1302f (Inc)
Dam is EX-90 with 30,950m and 1169f and 2nd dam is Kanzabrook Matt Missy 5E-94 with 13-1 365d 42,000m 4 0% 1699f Next two dams are 2E-91 and 3E-91 Selling is Molly Brown s September 1987 COUNT calf
Consignor North View Farm Berlin PA

NED BOYS FROM EX SPIRIT

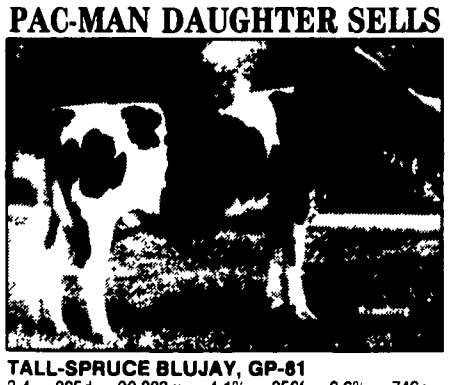


BISHCROFT SPIRIT JULIA, EX-90-GMD
CI (1/88) +$178 +1 018m +73f +26p
6-8 365d 29 896m 5 2% 1556f
Selling are Julia s October 1987 NED BOY twins as well as a November 1987 NED BOY heifer from Julia s VG-88 Knolltop Rockers Ace daughter with 3-2 351d 23 070m 4 2% 960f
Consignors Herman and Walter Bishop Fountainville PA

COUNT X $212 CHAIRMAN

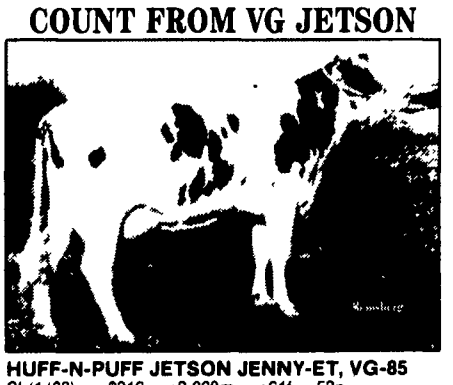
ART-ACRES MARBETH KAY U-ET, EX-90
CI (1/88) +$212 +1 907m +62f +56p
3-4 365d 36 040m 3 7% 1341f
Selling is Kay U s September 1987 COUNT calf Next dam is EX-91-GMD with 34 000m
Consignor Kay U Syndicate Hagerstown MD

PAC-MAN DAUGHTER SELLS



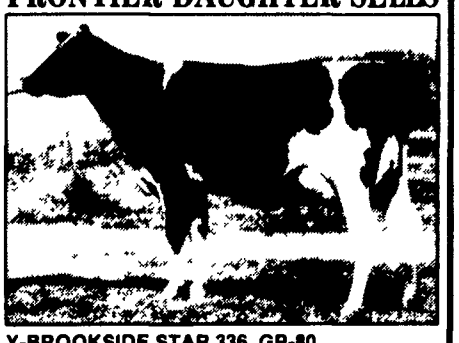
TALL-SPRUCE BLUJAY, GP-81
2-4 365d 20,832m 4 1% 856f 3 6% 746p
A fresh three-year-old Blujay is by PAC-MAN a new CHAIRMAN son with +166 PD$ and 1 21 PDT Next dam is GP-83 with 26 283m 1024f and over 123 000 lifetime
Consignor Richard Higley Forksville PA

COUNT FROM VG JETSON



HUFF-N-PUFF JETSON JENNY-ET, VG-85
CI (1/88) +$216 +2 020m +61f 53p
2-2 365d 24,343m 3 7% 895f
Dam is VG-87 with 21 560m 758f and 2nd dam is 2E-90-GMD with 28,670m 1144f Selling is Jenny s August 1987 COUNT calf
Consignors William and Carolyn Pettit Vincentown NJ

FRONTIER DAUGHTER SELLS



Y-BROOKSIDE STAR 336, GP-80
1-11 305d 18,049m 3 4% 612f 3 1% 552p
Star is sired by FRONTIER a +133 PD$ +1 01 PDT CHAIRMAN son Dam is GP-83 with 19 285m 829f and 2nd dam is VG-88 with 25 000m 1026f
Consignor Mark S Yoder Belleville PA

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JAFRAL RAVENA JETS 2-ET, GP-80
2-2 365d 30,473m 3 8% 1173f
Dam is Rilara Mars Las Ravena, EX-91, with
4-3 365d 32,819m 4 6% 1509f
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Barns Built With Help From Church Members, Arsonist Still At Large

BY BARBARA MILLER
Lycoming Co. Correspondent

DALLAS (Luzerne) — Smiles lit faces like the sun lit the sky on the mornings of June 24 and 25 in the Back Mountain area of Luzerne County as more than 275 volunteers assembled to rebuild two barns destroyed by arson fires.

Since last May there have been 20 arson fires in the Back Mountain area causing property damages in excess of $700,000. Sixteen of those structures were barns often owned by older citizens and in close proximity to a road. Despite a $7,000 reward offered by concerned citizens, the police as yet have no suspects.

Some of the biggest smiles, of course, belonged to farmers, Ralph Sands and Jim McDonald and son, Jerry, of Wyoming whose barns were rebuilt. Although the farmers purchased materials, labor was donated by approximately 150 members of the Amish and Mennonite faiths and 125 people from 20 local churches and a few other organizations.

Seventy-three-year-old Sands, a prominent Luzerne County dairy farmer elected in 1987 to the Pennsylvania Holstein Hall of Fame, suffered losses in excess of $75,000 in December when his 110-year-old wooden barn was torched by an arsonist. As a result of the fire he lost nine prize Holsteins out of a herd of 32 animals, two dogs, various pieces of farm equipment, small tools, and 5,000 bales of hay. Sands' farm, which has been in the family for more than 100 years, is composed of 166 acres.

But on Friday it was hard to catch Sands with anything other than a broad smile on his face. Sands admitted he was in "a little bit different frame of mind" than in December when his barn burned.

Commenting on the Amish, who because of their expertise in such matters supervised the barn building, Sands remarked, "I just think it's fantastic. I told an Amish man that I just couldn't believe how they do things so differently. He said, 'That's what life is all about -- helping one another out.'-- It hit home I'll tell you."

Sands' new barn, which incorporated the old block milk house, measures 36 feet by 72 feet and is made of corrugated metal siding and roof.

Although preliminary work such as setting poles and cementing the floor of the Sands' barn had been completed by a few volunteers prior to Friday, basically, the Sands and McDonald barns were completed in two days.

Volunteers stayed overnight in the homes of residents or, in some cases, in the dormitory of a local college. Others arrived at the barn sites by bus or van in the early morning hours with tool cases and ready to work. Workers alternated between the two barns until they finished Saturday evening.

Jim and Jerry McDonald were all smiles as their 60 feet by 112 feet by 22 feet high steel-beamed

Project coordinators of the barn-building efforts, (from left) Chuck Arnett, Cliff Jones, minister and Joe Hardisky chat as they await the arrival of a bus load of Amish volunteers from Lancaster County, after an early morning breakfast at McDonalds.

structure began to take shape Friday morning.

"If everything goes according to plan we will be putting in hay next week," commented Jerry as the barn literally went up before his eyes.

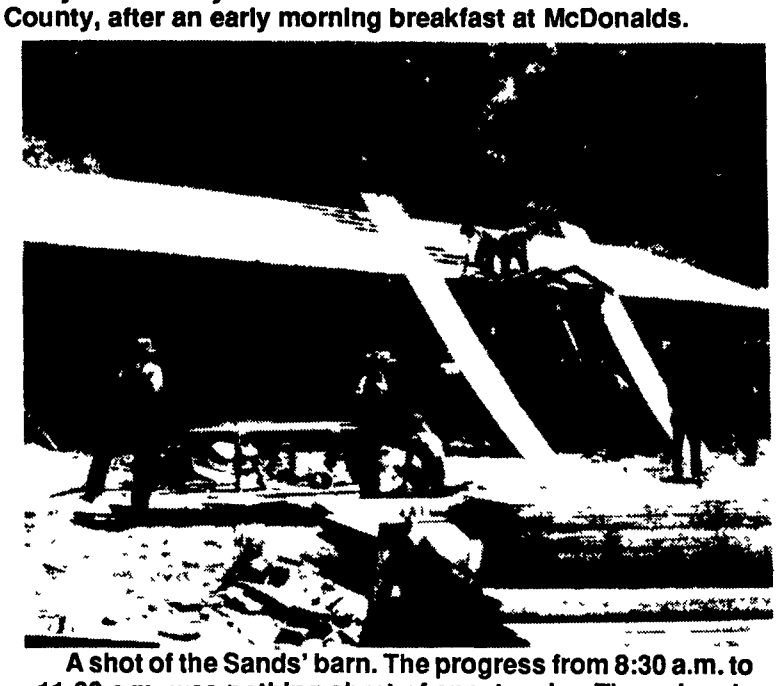
According to the elder McDonald, they lost their barn in an arson fire a little more than a year ago. They had kept five horses in their barn and used it to store equipment and crops from their 75 acre farm. The McDonalds farm part time since both hold down fulltime jobs.

For the past year the McDonalds have been looking forward to building a new barn, Although the old barn was situated across the road from the house, the pair cleared another site for their new barn located to the rear of their houses.

"My father and I started working on this site last June clearing the land and bulldozing. We had the steel beams up and just got the poles plumbed so when they got here this morning they could really go to town," Jerry explained.

The speed and ease with which the men worked together was remarkable. It was as one bystander commented, "Have hammer; know what to do. No one seems to be at a loss. Everyone knows what to do."

And there were other smiles. One belonged to the tall, deep voiced pastor of the Huntsville



A shot of the Sands' barn. The progress from 8:30 a.m. to 11:30 a.m. was nothing short of spectacular. They already had much of the roof on and had begun the siding process.

A morning of pounding the hammer, running the saw and walking beams can work up a hearty appetite. No dinner bell was required to bring these workers in for lunch.

By 8:30 a.m. Friday morning volunteers were working on rebuilding Sands' 36'by 72' structure in Wyoming. Sands' original barn was burned in an arson fire last December.

Christian Church, Cliff Jones, who may have had the best reason of all to smile because the idea of the barn raisings was his brainchild. It was Jones months ago, amid some skepticism, who first made a plea to the churches and surrounding communities to help the farmers rebuild their barns.

"I wanted to pull together the Christians in the area and get them to rebuild the barns for several reasons," Jones states. "One, I wanted to help the farmers, but another reason was to get the community to rally behind these people who had been hurt and show them we cared and wanted to do something about it. But, I think, fundamentally, the reason why we did this was because as Christians we were concerned and wanted to put our faith into action and not just talk about it."

Originally, Jones said, they were going to have men from their area supervise the raising of the barns, but when they started receiving offers of help from the Amish and Mennonite communities, "the farmers and everybody felt much more comfortable having people such as the Amish and Mennonite who have done this so many times take charge of building the barns."

They were so inundated with volunteers Friday morning that Jones expressed concern that there would be enough work left for volunteers on Saturday. "We're being killed with success," he remarked happily.

The offers of help from the outlying Amish and Mennonite communities such as Carlisle and Lancaster came, Jones said, after a news article about the string of arson fires appeared in the January issue of **Lancaster Farming.**

According to Jones, volunteers, including those from local churches, also helped prepare meals for the workers from goods donated by wholesalers. The meals were then taken to the sites. Additionally, there was an outpouring of goods and services including such things as electrical supplies and vans.

The volunteers often wore smiles whether they were swinging a hammer or handing out sandwiches at lunch.

Morag Michael, coordinator of the Trucksville Methodist Church, helping with lunch commented, "This is nice to see-- such an outpouring-- it's so touching."

Joe Hardisky, a coordinator for the barn raising and leader of a concerned citizens group to combat the arsonist, was ecstatic about the barn raisings and said he thoroughly enjoyed working with members of the Amish and Mennonite faiths and stated he found them inspirational.

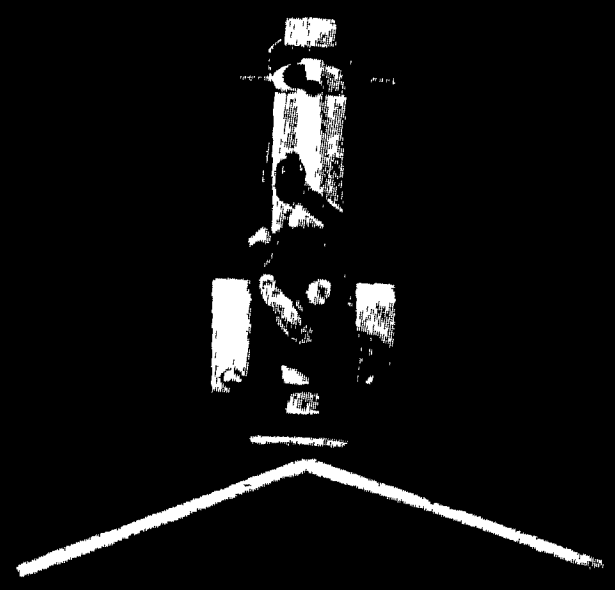
"The experience I've had the past few weeks has been phenomenal," Hardisky exclaimed.

In fact, Hardisky said he and others from churches in the surrounding community have decided to "hook up with the Mennonites" and when a call for help goes out, they will be among those helping the needy.

But, commenting for a moment

(Turn to Page A26)

Farm Credit Is Plowing New Ground.



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50-Cent Milk Support

(Continued from Page A1)

right now," said Doni Dondero. But, she added, the talk is no guarantee of action.

The potential cut is one of three outlined in the 1985 farm bill. Each hinges on U.S. Department of Agriculture estimates of the level of surplus dairy stocks the government's Commodity Credit Corporation will purchase in the years 1988, 1989 and 1990. If the annual estimate exceeds 5 billion pounds on a milk equivalent basis (the so-called trigger level), the law calls for a 50-cent reduction.

Last December, USDA forecast that surplus purchases in 1988 would total 7.2 billion pounds and Lyng announced the reduction — to $10.60 a hundredweight for milk of average butterfat content — in January. The impact of that cut has yet to be fully reflected in the prices received by local dairymen, who are insulated by, among other things, local over-order pricing efforts. Nevertheless, for the year as a whole, local producers should realize 25-30 cents less than they did a year ago, according to Jim Fraher, an economist for Atlantic Dairy Cooperative.

The drought — and rising feed prices — is beginning to curtail rising milk production, but a sluggish sales picture should continue to mean supply will outpace demand in 1989, economists say. Thus, in the absence of some kind of intervention, Lyng should again have the authority to cut the support price January 1.

In May, the federation proposed that Lyng use authority available under the farm bill to implement another temporary whole herd buyout or diversion program as an alternative to cutting the support price. Although that is still a possibility, talk now focuses more on simply cancelling the 1989 cut, Dondero said.

The proposal is one of a number of drought relief measures gaining attention in a Washington more than usually sensitive to the concerns of constituents in this presidential election year. However, most of the other proposals would benefit farmers who sell grain for a living.

USDA has begun implementing its emergency feeding program in drought-stricken areas, a program that provides cost-share assistance to livestock farmers who grow only a fraction of their normal feedstuffs. But this type of relief will not ease what is expected to be the most damaging effect of the drought on dairy farmers nationwide, including those who have received adequate rainfall: skyrocketing feed costs.

In the past couple months, prices for soybean oil meal, a staple commercial supplement, have risen more than 30 percent and most analysts forsee further increases. Federation economists estimate that a 15-percent rise in feed costs has the same impact as a 50-cent decline in milk prices on dairy farmers' wallets.

Producers already have absorbed one such rise; they cannot afford another, Dondero said.

Barns Built

(Continued from Page A24)

on the arson fires, Hardisky noted that farmers in the area are still fearful and are not yet able to relax their vigilance against the arsonist.

"I wish upon wish on wish that at least one person could be charged with setting a fire," Hardisky said. He reasoned that if they caught the person or persons responsible for the fires and got a conviction it would settle things down a bit. Otherwise the fires may continue even if they are of the copy cat variety.

"We're afraid to go away on vacation," he observed. Although he noted the neighbors were wonderful about coming and sitting with the farm when they do go away.

One recent cause for increased tension was the fact that the weekend before the barn raisings, after a period of almost six months, another barn was burned. The barn which was used mainly for storage, belonged to retiree, Leo Flynn, in Dallas Township. Damages to the 50 feet by 80 feet structure which housed antique farm equipment and Flynn's car, amounted to $25,000. The fire is still under investigation and, according to Carl Miers, police chief, they are still trying to decide if it fits the pattern of the other fires.

Kathleen Reiss, a school teacher and volunteer, summed up the thoughts of many at the barn raisings, "I think it's just wonderful to see all these people working so hard. It's hard to believe any one human being could destroy anything on purpose-- but see all the hard work it takes on the part of so many people to set that one act straight. It's just a beautiful Christian opportunity to help other people."

Hardisky wanted to give special thanks to Jacob Flaud, a builder from Newburg who coordinated the Amish efforts; Paul Horst, a member of the Mennonite Disaster Service based in Akron who coordinated the Mennonites; Jonas Stoltzfus of the Lancaster area, and I. Ray Zimmerman, Turbotville.

Plowing Contest To Be Held

YORK — The Pennsylvania State Plowing Contest will be held this year on the Rentzel Farm in Manchester as a feature of "Old Tyme Days." As in the past there will be three classes of competition; large plow, (4+ bottoms) small plow (2- 3 bottoms) and contour.

York County farmers that are interested in competing in the state contest should contact John Rowehl at the Cooperative Extension office (757-9657) or Charlie Hess (741-2135).

A county plowing contest to determine the county's representatives in the state contest will be conducted if the number of interested participants merits it.

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

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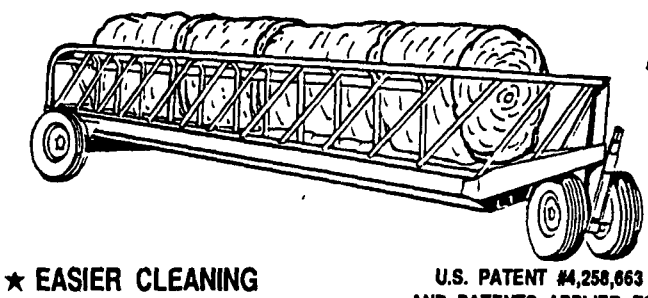

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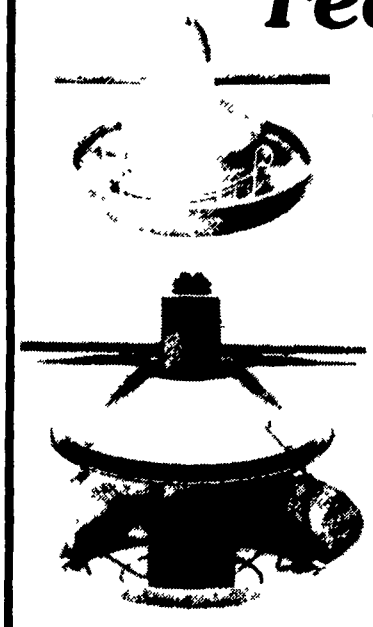

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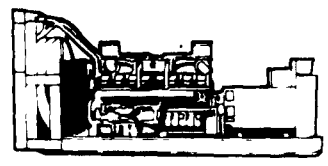

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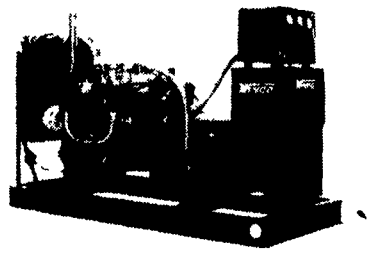

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EC Subsidies Costly To EC Taxpayers, U.S. Farmers

ST. LOUIS, MO. — A new study of European Community (EC) production costs and net margins for oilseeds, pulses and cereals shows EC producer price guarantees are depleting the disposable income of EC taxpayers and hurting U.S. soybean exports to the EC. The study was conducted by Landell Mills Commodities Studies of London and commissioned by the American Soybean Association (ASA).

"We ordered this study to have a basis on which to evaluate the impact of any EC cuts in producer price guarantees for oilseeds and pulses," said ASA President Wayne Bennett, an Arkansas soybean farmer. "We chose Landell Mills because of their knowledge of EC agriculture, their quality reputation and the fact the firm has also conducted research for the EC Commission."

In December 1987, ASA filed a Section 301 Unfair Trade Petition with the U.S. Trade Representative (USTR) claiming EC producer price guarantees on oilseeds and protein crops impaired the duty-free bindings granted the U.S. on soybeans and soybean meal. The USTR accepted the petition on January 5, 1988.

European farmers, like farmers everywhere said Bennett, base their annual planting decisions on income estimates from various crops. He said it is logical to conclude the 250 percent increase in EC oilseed and pulse production between 1981 and 1987 occurred because the EC Commission set oilseed and pulse price guarantees at levels favoring shifts to those crops. Bennett said it was also realistic to expect EC farmers will continue to expand oilseed and pulse production as long as profits for these crops exceed profits from alternative crops.

"While we expected to find net margins for oilseeds and pulses higher than for grains, we were shocked by the results of the study," said Bennett. "Landell Mills found French farmers in 1986-87 made 460 percent more profit growing soybeans than wheat. In fact, the French farmer's $637 per hectare ($258/acre) soybean profit was more than the world market value and represented a 116 percent return above production costs."

In the United Kingdom, he said Landell Mills found farmers made more money growing rapeseed, peas and beans than they did growing either wheat or barley. Italian farmers made over $676 per hectare ($274/acre) growing soybeans even though average soybean production costs were $20 per metric ton ($0.54/bushel) higher than the world price for soybeans in 1986-87, said Bennett.

"It is clear from study results that price cuts for oilseeds and pulses approved at the February 1988 EC summitt meeting are not sufficient to reduce production," said Bennett. "Instead of reducing EC Common Agriculture Policy expenditures, we project the February EC budget 'stabilizers' will actually bring about a net increase in expenditures as more land is shifted into much more costly oilseeds and pulses. And that will really cost EC taxpayers."

Bennett said the ASA-initiated Section 301 Petition need not result in a major new trade dispute with the EC. He said ASA has repeatedly stated the solution to the petition is for the EC to take actions necessary to substantially reduce EC oilseed production based on uneconomic subsidy incentives.

"The ball is in their court, said Bennett. "If the EC Commission wants to bring about a satisfactory end to our complaint, it should propose a solution to ASA and U.S. Government officials that either eliminates or drastically reduces its oilseed and pulse subsidies."

Funds Available For Chester County Farmers Installing Conservation Practices

CHESTER — Government money is available to farmers in the Octorara and Elks watersheds in Chester County for the purpose of installing conservation practices, directors of the Chester County Conservation District said. The cost-share funds are made available through the Chesapeake Bay Program. The deadline is July 31 for this application period. Farmers interested may contact the District at 235 W. Market St., West Chester, PA 19382; 696-5126.

The cost-share funds are limited to 70 percent of the estimated cost of a completed conservation program on the farm. The maximum payment is $25,000.

Best Management Practices (BMP's) include terraces, waterways, strip cropping, diversions, nutrient management, etc. The practices must be maintained for 10 years, which is the life of the contract.

The Chesapeake Bay program is for the purpose of establishing examples of BMP's in the Chesapeake Bay watershed. It has been alleged that nutrients from non-point sources in the watershed have caused a decrease in seafood production in the Bay.

A 1987 survey by the Virginia Institute of Marine Science that is three-quarters complete, indicates that Rockfish spawning in the Rappahannock River is four times what it was in 1970, the previous highest year. Hatching success in the James and York Rivers is slightly higher than the 1970 figure. (UPI) Fishermen report large numbers of Rockfish in the Virginia and Maryland portions of the Bay. Maryland regulations make it illegal for fishermen to keep the Rockfish they catch.

The 1970 spawning season is credited for the huge catches of Rockfish made by Virginia watermen in the mid-1970's before harvests plunged. (UPI)

Recent speculation suggests that Hurricane Agnes in 1972 and Hurricane Heloise in 1974 may have been a direct cause of the disruption of the Bay and the decrease in its seafood production. The violent wrath of Hurricane Agnes tore the grasses from the bottom of the shallow waters of the Bay. The organic material was deposited in the channels and harbors. The grass and other vegetation rotted. This used up the available oxygen supply.

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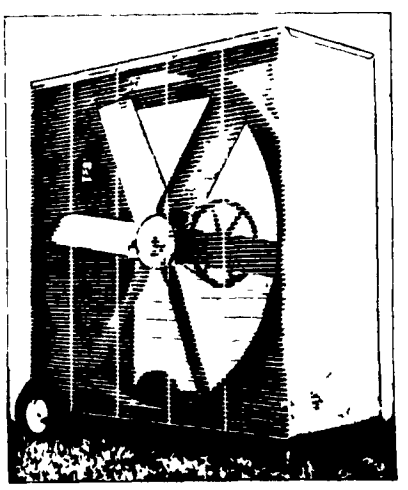

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Control Flies Through Better Manure Management

Numerous species of manure-breeding flies can become a serious problem on the farm and within the community if manure-handling systems are not managed properly. With the movement of people and housing into prime agricultural areas, flies dispersing from livestock and poultry operations can become a significant public nuisance and health problem, even leading to poor community relations and threats of litigation.

Fly Development

Flies have four stages of development: egg, larva (maggot), pupa, and adult. The rate of development, which varies with species and environmental conditions, is affected by temperature and moisture levels within the breeding area. Moist manure attracts adult flies and provides ideal breeding conditions.

Fly Species

Species most prevalent around livestock housing are the house fly (Musca domestica) stable fly (Stomoxys calcitrans), little house fly (Fannia canicularis), black garbage fly (Ophyra aenescens), and bee fly (Eristalis tenax).

House flies usually are the predominant species present in livestock and poultry operations. House flies are nonbiting flies that breed in fresh manure, decaying silage, spilled feeds, bedding, and other decaying organic matter. Adults feed on manure and animal secretions with their sponging mouthparts. Under ideal conditions, they can complete their life cycle in as little as 7 days. On the farm, most generations of flies require about 2 weeks to develop in summer. Each female can produce 120 to 150 eggs, which are laid in at least six batches at 3- to 4-day intervals. Eggs hatch in 8 to 24 hours and maggots feed for 4 to 7 days. Mature maggots usually crawl away from their breeding site, seeking a drier environment for pupation. Adult flies emerge in 3 to 4 days and typically live about feed for 4 to 7 days. Mature maggots usually crawl away from their breeding site, seeking a drier environment for pupation. Adult flies emerge in 3 to 4 days and typically live about 3 to 4 weeks.

Moisture levels of 75 to 80 percent are optimal for house fly oviposition (egg laying), larval development, growth, longevity, and survival. Fresh cattle manure is approximately 83 percent moisture and fresh poultry manure is 75 percent moisture. Larvae developing in organic substrates with less than 60 percent moisture usually fail to pupate. Optimal moisture levels for pupation range from 40 to 60 percent.

House fly populations in Pennsylvania increase rapidly in June, peak in September, and decline with cold weather in early October. From seven to nine generations occur during the fly season. Within environmentally controlled livestock housing (i.e., high-rise or deep-pit poultry houses), suitable breeding conditions may be present year round. Broken eggs, failure to control leaky waterers, and an occasional dead bird in the manure storage add to the problem.

High-rise houses normally are cleaned only once or twice a year. House flies often disperse in large numbers as far as 3.7 miles from their breeding site; and distances of 10 to 20 miles have been reported. While house flies are only a minor direct annoyance to livestock, their potential for transmission of diseases and causing a public nuisance are of major concern.

Stable flies are vicious biters commonly associated with dairy and equine operations. Male and female stable flies feed several times each day, ingesting one or two drops of blood at each meal. When not feeding, adult flies rest in the shade on posts, trees, and buildings. Breeding takes place in wet straw, spilled feeds, silage, and decaying vegetation. The stable fly's life cycle is longer than that of the house fly, requiring about 3 weeks to complete under optimal conditions. Eggs hatch in 1 to 3 days, and the maggots feed for 11 to 30 days before reaching maturity, depending on the weather. When fully grown, they pupate and within 6 to 20 days, emege as adults which live for 20 to 30 days. Each female lays 200 to 400 eggs during her lifetime. Stable flies have two primary generations per season, peaking in early July and again in early September. They overwinter as larvae or pupae. Stable flies have two primary generations per season, peaking in early July and again in early September. They overwinter as larvae or pupae. Stable flies can travel many miles from the breeding site.

Little house flies usually are most abundant in early spring and late fall, when fly control practices normally are considered unncessary. Eggs are deposited chiefly on decaying vegetable matter and chicken, hog, horse, and cattle manure. Life cycles may vary from 3 weeks to 2 months, depending on environmental conditions. The larvae are flattened, about 6 mm long when fully grown, and conspicuously fringed with spinelike projections. The pupae resemble the larvae in appearance. Adult flies prefer a sheltered habitat, inside or on the shaded sides of buildings.

Black garbage flies often are found in large numbers in poultry houses. Their life cycle is 14 to 17 days. The larvae develop readily in poultry manure and may prey on house fly maggots. The larvae are not considered to be practical biological control agents, however, since the adults are pests.

Bee or flower flies (rat-tailed maggots) are common inhabitors of liquid manure tanks, storage basins, and anaerobic treatment basins. Where livestock are housed on slatted floors over liquid manure tanks, rat-tailed maggots may be found breeding in large numbers during the summer. There are usually several broods a year. The maggots are an inch long and have a long tail. When fully developed, they move from liquid waste to drier areas to pupate and change into adult flies. During this period, the maggots become nuisance pests, crawling by the thousands onto walkways, feed bunks and elsewhere. Piles of sawdust, sand, and other dry material near the manure pits provide a pupation site and reduce the number of crawling maggots within the barn and milkhouse. Other than being a nuisance, this insect causes no harm.

Control Strategies

Sanitation, moisture control, and manure management are critical to a successful fly-control program, which must break the fly reproduction cycle. The number of suitable fly breeding sites must be kept to a minimum and conditions favorable to the development of natural fly predator populations

(Turn to Page A29)

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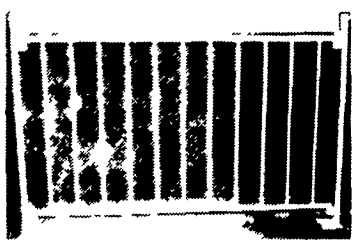
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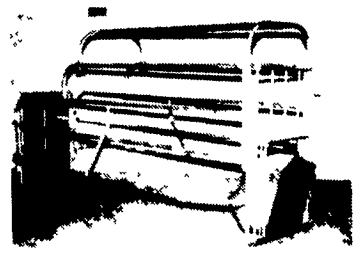
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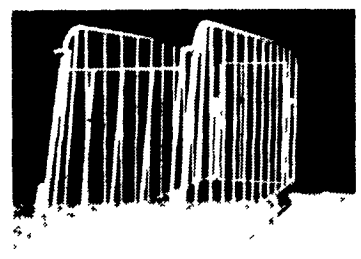
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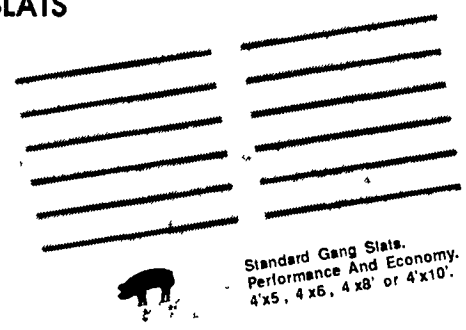
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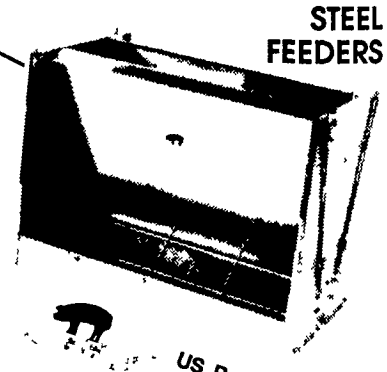
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Control Flies

(Continued from Page A28)

must be maintained. Appropriate insecticides may be used when necessary, but chemical control works best in conjunction with good sanitation practices. It is easier and less expensive to prevent a heavy fly buildup than to control large fly populations after buildup has occurred. If pesticides are applied directly to manure or fed through animals for fly control, label restrictions must be followed.

Fly control requires more than just manure removal because hauling of animal manures and organic debris controls only the immature insects. Spreading the manure thinly in the fields kills eggs and larvae through drying. Failure to spread the manure evenly leaves large clumps where adult flies can develop and even produce a second field generation in wet weather. Incorporation of manure into the soil soon after it is spread is the best way to break the fly development cycle.

While manure and organic debris removal controls maggots and pupae, adult fly populations within the barns and poultry houses must also be killed. This can be accomplished through the use of residual insecticide sprays, space sprays, and baiting. Failure to control adult flies prior to manure removal may release many flies into the community.

In dairy cattle operations, two potential fly breeding spots are calf pens or hutches and boxstalls used for freshening and for sick animals. Pens should be cleaned as frequently as possible and outdoor calf hutches moved regularly. Wet hay or straw, other organic matter, and silage seepage should be removed. Barnyards should have proper drainage, with gravel and other fill used to eliminate low spots. Wet barnyards can also be drained by proper tiling. Alteration of breeding sites to moisture levels below 60 percent should significantly reduce fly populations. Since both stable and houseflies breed in wet grain, silage, haylage, and fermenting green-chopped materials, areas around and under feed bunks can also be fly breeding sites when water drains from the bunks and mixes with manure and spilled feed.

Manure storage systems that are not completely liquid can also be a major source of flies, especially during dry weather. As maggots leave the manure to pupate, they seek dry areas. Liquid material completely surrounding solid or semisolid material prevents successful pupation. During dry weather, water may need to be added to a liquid tank or basin to maintain the solid-liquid interface along the storage edges. Also, manure containing large amounts of straw, hay, and sawdust may furnish adequate pupation sites. Seepage from the manure storage areas can also furnish suitable fly breeding sites outside of the storage area. If moisture levels remain above 85 percent, liquid manure systems, will not be a breeding site for flies other than rat-tailed maggots.

Within shallow or deep-pit poultry houses, moisture levels are affected by several different factors. Leaks in the poultry watering system are the major source of excess moisture in the manure. Producers should check for leaks on a regular basis. Sopme manure pits also remain wet due to seepage from the exterior, which can be avoided by proper site selection, grading, and drainage. Houses equipped with scrapper boards usually have lower moisture levels since the scrapper boards aid in manure drying. A few poultry producers use a series of fans or mechanical rakes to dry the manure further. Keeping the pit dry, so that the manure comes up under the cages, reduces the amount of manure suitable for fly breeding and enhances populations or naturally occurring predators and parasites.

Predators And Parasites

Accumulations of manure which have the proper moisture and physical conditions often contain large numbers of mites, parasitic wasps, and beetles, which prey on fly eggs or larvae. In an attempt to enhance natural predator/prey populations, stored semisolid or stacked manure should be maintained in as dry a condition as possible. This provides a desirable habitat for the predator and parasite reproduction and reduces the suitability of the manure for fly oviposition and larval development.

Populations of predators and parasites are affected by the manure removal schedule. In livestock housing designed for manure removal every few days, there is no buildup of the beneficial agents. In situations where manure is stored over long periods of time and natural predators and parasite populations have built up, only part of the manure should be removed at time. A thick base of old manure should be left to perpetuate the beneficial insects as well as to assist in absorbing excess moisture as new manure is added.

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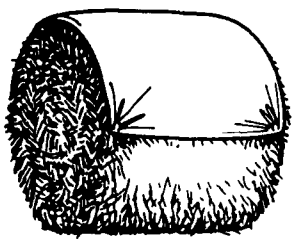

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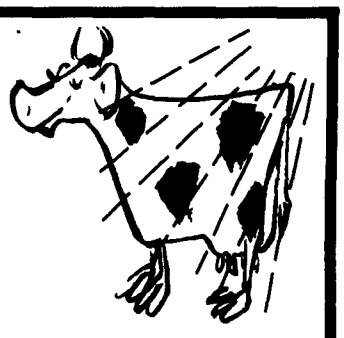

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1988 Keystone Tour

NEW HOLLAND — A demonstration of aerial application of pesticide to control corn bore was a feature of the 1988 Keystone Tour held here Thursday. The participants in three school buses and a line of private cars and trucks made the first farm stop at the Walter Martin Farm (above).

FMC and CIBA-GEIGY jointly sponsored this tour in cooperation with the adult farmer program of the Eastern Lancaster County School District. Special field plots in corn, alfalfa, soybeans and vegetables on a number of different farms visited by the tour showed various conditions under which weed and insect control were obtained. In addition, the rates of herbicide, pesticide and fertilizer applications were given.

Since the drought was a top priority subject among farmers, the drip irrigation system plots in both corn and vegetables also captured a lot of interest. Donald Robinson, vo-ag teacher, said they have already applied as much water to their plots under drip irrigation this year as they did during the entire growing season last year.

In the middle of the farm tours around New Holland, the participants were served lunch in the park.

Dairy Shorts

THE SHRINE

The National Dairy Shrine, an organization dedicated to recognizing dairy industry leaders, was formed in 1949. Today, the Shrine and Museum is located in Ft. Atkinson, Wisconsin.

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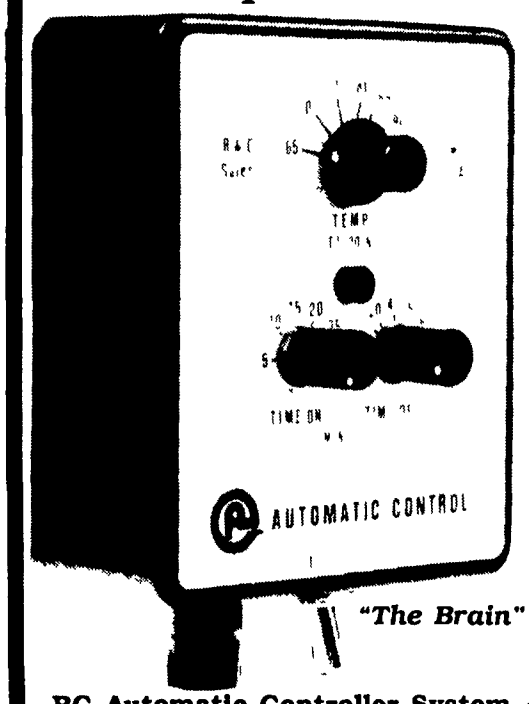

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Computerized Expert Systems Growing At Penn State

UNIVERSITY PARK (Centre) — When you need to make a decision, it's sometimes best to consult an expert. Even better would be to have the combined advice of many experts at your fingertips. That's the advantage that computerized expert systems can give to growers who continually must make decisions about how to manage their crops.

Expert systems are computerized decision support programs that mimic the reasoning of human experts. The systems help growers make management decisions, such as determining when to spray fields for pests or whether to seed new alfalfa into old alfalfa stands. Penn State's College of Agriculture recently has begun a pilot program through which about 40 growers throughout the state will give expert systems a try.

Extension and research personnel throughout the college, as well as from the industrial engineering department, developed the pilot project as a way to field test expert systems for production of tree fruits, grapes, alfalfa and corn.

"Last winter, we met with groups growers at annual winter educational meetings and demonstrated expert systems," says Ed. Rajotte, assistant professor of entomology. "When we asked for people to help us field test the programs, we got 130 volunteers. We selected 40 of them who represented a range of counties, computer experience, farm sizes and crops."

The pilot study staff recently met with the volunteers to distribute equipment and software. Half of the growers met at the college's field research laboratory in Biglerville, Adams County, and half met at the Berks County Agricultural Center. The growers took their equipment back home to begin using the expert systems. Those who already own computers needed only software — computer diskettes that contain the programs. Others are borrowing both software and hardware.

From now until harvest time in the fall, the researchers will survey the growers every two weeks by telephone. They'll ask the growers how the programs are working, whether they trust the programs' recommendations and whether they have any other comments or criticisms. Growers can also call the researchers directly if they have specific questions. Through their computers the growers also have access to the Pennsylvania Extension Network, the statewide electronic information delivery system, for general questions.

The researchers will use the growers' feedback to modify the expert systems. This winter, the growers and researchers will meet again to evaluate the program. "As far as we know, this is the first project of its kind in the country — an organized evaluation process for expert systems," says Dr. Rajotte. "We're the guinea pigs, trying it out for the first time." In the future, New York, Massachusetts and Vermont, as well as Rodale Research Farms in Pennsylvania, will also cooperate with Penn State in expert systems field testing. "We'll modify the software this year, and then hopefully Rodale and these other states will start pilot programs next summer," Dr. Rajotte says.

The expert systems pilot project is partially funded by a regional competitive grant from the U.S. Department of Agriculture's Cooperative State Research Service.

Farm Calendar

(Continued from Page A10)

Sale, Fairgrounds, Sykesville, noon

Bucks County Field Day and Picnic

Pennsylvania Stock Dog Trial and Clinic, Ivyrose Farm, Bedminster

Shippensburg Fair, through the 30th

NMPF Seeks Drought Relief Action

ARLINGTON, Va.— National Milk Producers Federation (NMPF) has asked Agriculture Secretary Richard Lyng to establish a drought relief information exchange with farm groups. In a letter to Lyng, NMPF's Chief Executive Officer James C. Barr requested that Lyng designate one person within USDA to serve as a clearinghouse for drought information.

Barr notes that dairy farmers are suffering major drought damage. "They, like many other farmers, need information on drought relief measures as well as a conduit to communicate concerns so that policy decisions to alleviate this distress can have maximum effect."

NMPF suggests that USDA hold weekly briefings so that agricultural groups can be up to date on USDA's drought relief actions. The weekly sessions would also provide the opportunity to formally bring farmers' concerns to USDA.

Dairy farmers across the country are actively urging the Secretary to take action to avoid the January 1, 1989 price cut. Dairymen face a possible drop in net farm income of 37 percent if that cut is implemented. Dairy farmers' message to Lyng is, "We need relief," says Barr, "and the drought has made that need even greater."

NMPF member cooperatives will meet in St. Louis on July 1 to assess drought damage and to refine recommendations which NMPF will advance to the Congress and Administration.

NMPF is a 72-year-old farm commodity organization which serves as a forum for developing national policy positions for dairy farmers and their cooperatives.

Barn Meetings Set To Discuss Heat Stress

LANCASTER — Heat stress of dairy cows is a major concern of many dairymen during the hot days of summer. It can be a costly problem.

Two barn meetings have been scheduled to focus attention on the problem. Emphasis will be on: ventilation, shading, misting cows, feeding, mastitis and cooling milk. Speakers will be Penn State Extension specialists, Robert Graves, Richard Adams and Stephen Spencer.

The first meeting will be 7:30 p.m. Wednesday, July 13th at Lapp Valley Farm, New Holland. This is a tie-stall operation owned by Benuel Lapp who uses fans in the stable and misters plus fans at an outside feed bunk. His farm is located about 2 to 3 miles south of New Holland on Metzer Road, about 0.5 mile north of Peters Road.

The second meeting will be 7:30 p.m., Thursday, July 14th at Oregon Dairy, located on Route 272 north of Lancaster at the Oregon Pike exit of Route 222. Manager, George Hurst, installed misters in the feeding area.

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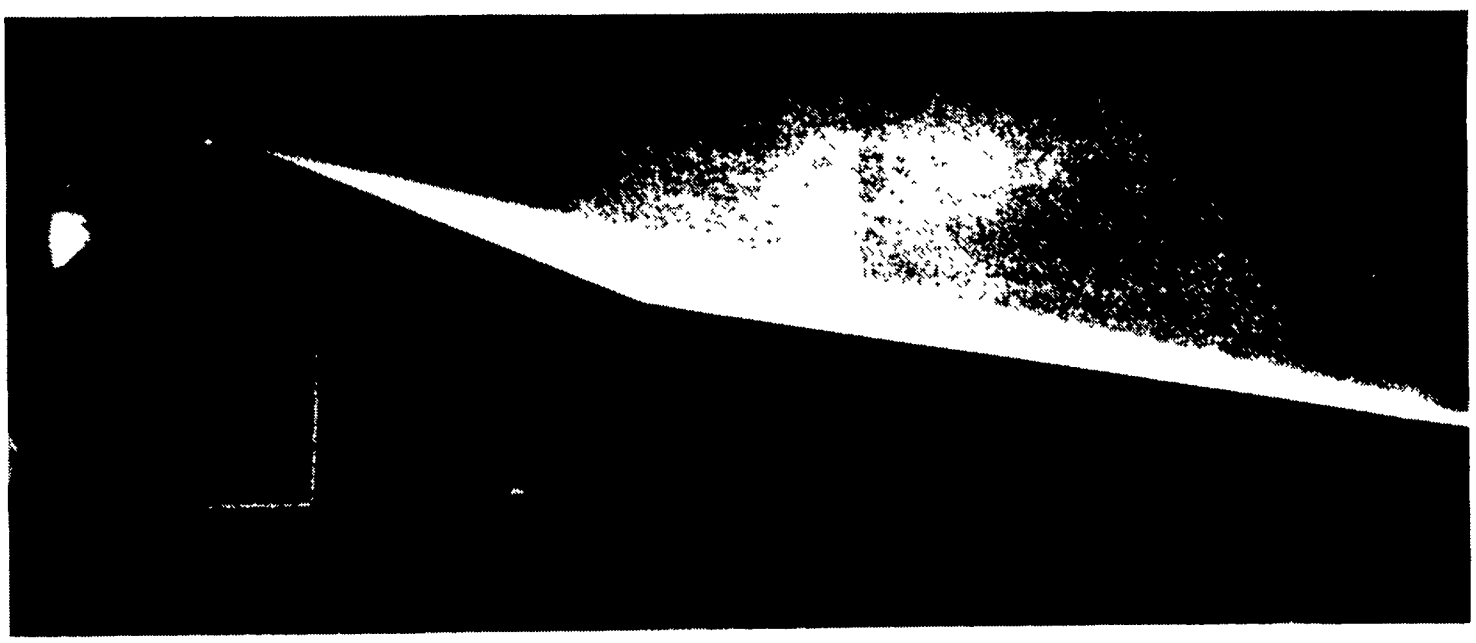

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Northeast Farmer Co-Ops Ask Congress To Rescind Secretary's Authority

WESTMINSTER, VT. — The Council of Northeast Farmer Cooperatives today asked Congress to rescind the authority, granted the Secretary of Agriculture by the 1985 Farm Bill, to reduce the support price for milk $.50/cwt. on January 1, 1989. "The drought that is ravaging midwestern grain crops is pushing the prices that dairy farmers must pay for feed up astronomically," said Steve Kerr, Executive Director of the Council. "Farmers should have the Damocles sword of another price support reduction eliminated now."

The 1985 Farm Bill requires the Secretary of Agriculture to reduce the support price for milk $.50/cwt. on January 1, 1988, 1989 and 1990 if he projects that net removals of dairy products will exceed the equivalent of 5 billion pounds of milk. Secretary Richard Lyng used the authority this past January to reduce the support price to $10.60/cwt. Farm prices for milk are now at their lowest since 1979.

"Last January's price cut would, by itself, cause 1988 to be a poor year for most dairy farmers. Skyrocketing feed costs will compound that problem," noted Kerr. "Farmers need a price increase. A price cut in 1989 would clearly be catastrophic."

Feed costs are the single greatest expense on dairy farms, and can consume 25-30% of a farmer's milk check. Feed costs have been relatively low in the past few years, allowing many dairy farmers to weather the series of federal price support reductions that have depressed milk prices by nearly $2.00/cwt. in that time.

Strong export sales, and a massive supply control program established by the 1985 Farm Bill have caused grain prices to rise considerably in the past year. The drought has unexpectedly accelerated those increases.

The prices of corn and soybeans, the major ingredients in dairy feed, have jumped 38% and 50%, respectively, over this time last year. Dairy ration costs have consequently risen 25-30%.

Dairy economists note that a 15% increase in feed prices has the same effect on a farmer's bottom line as a $.50/cwt. price cut.

"The drought legislation that the House and Senate Agriculture Committees are preparing is the ideal vehicle to rescind the Secretary's authority to cut the price again," Kerr pointed out. "It will be a "must pass" piece of legislation. We are urging the Agriculture Committees to include the recision in that bill, and let dairy farmers stop worrying about a price cut that would cripple them."

The Conversion Of Canadian Summer Sires

BY L.W. SPECHT

STATE COLLEGE (Centre) — Dr. Rex Powell of the Animal Improvement Programs Laboratory of the USDA has updated the conversion formulas that are necessary to convert Canadian sire evaluations that are expressed in Breed Class Average (BCA) units to U.S. Predicted Differences (PD) values.

The conversion is necessary since the genetic bases for the Holstein populations of the two countries are not the same. Many U.S. dairymen are confused by the practice of some semen sales organizations who simply multiply the BCA points for milk by a factor of 117 to give an "estimated U.S. PD" figure. Such a practice does not take into account the difference in the genetic bases and results in inflated estimates of the PD values on sires with Canadian summaries.

For example a Canadian sire with a BCA value of +10 for milk is shown with an estimated U.S. PD of +1170. Actually the BCA value should be multiplied by 98 and the result reduced by 542 pounds. This would give a value of (980-542) or a U.S. PD equivalent of +438 pounds.

The formulas that Powell provides are as follows:

Estimated US PD milk = .542 + 98 (BCA milk)

Estimated US PD fat = -9 +3.55 (BCA fat)

Estimated US PD protein = .15 + 3.55 (BCA protein).

Dairymen should carefully examine the summary information provided on Canadian sires to be sure that it is correctly stated in terms of the U.S. Predicted Difference values.

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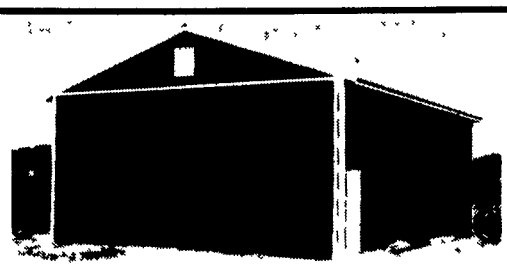

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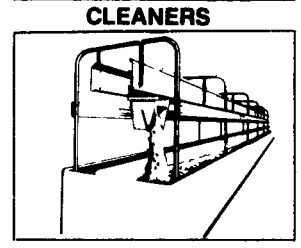
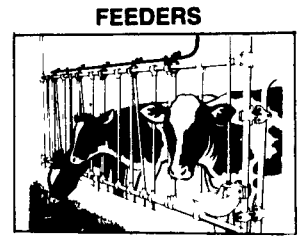
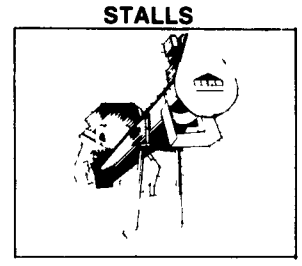


FEEDERS



STALLS



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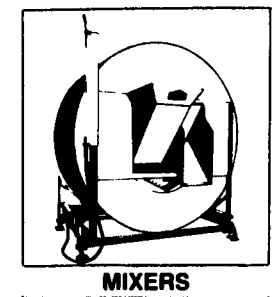
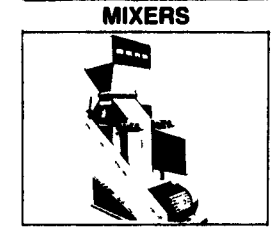


MIXERS



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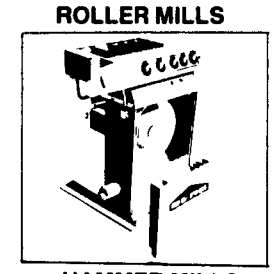
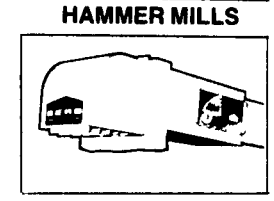


HAMMER MILLS



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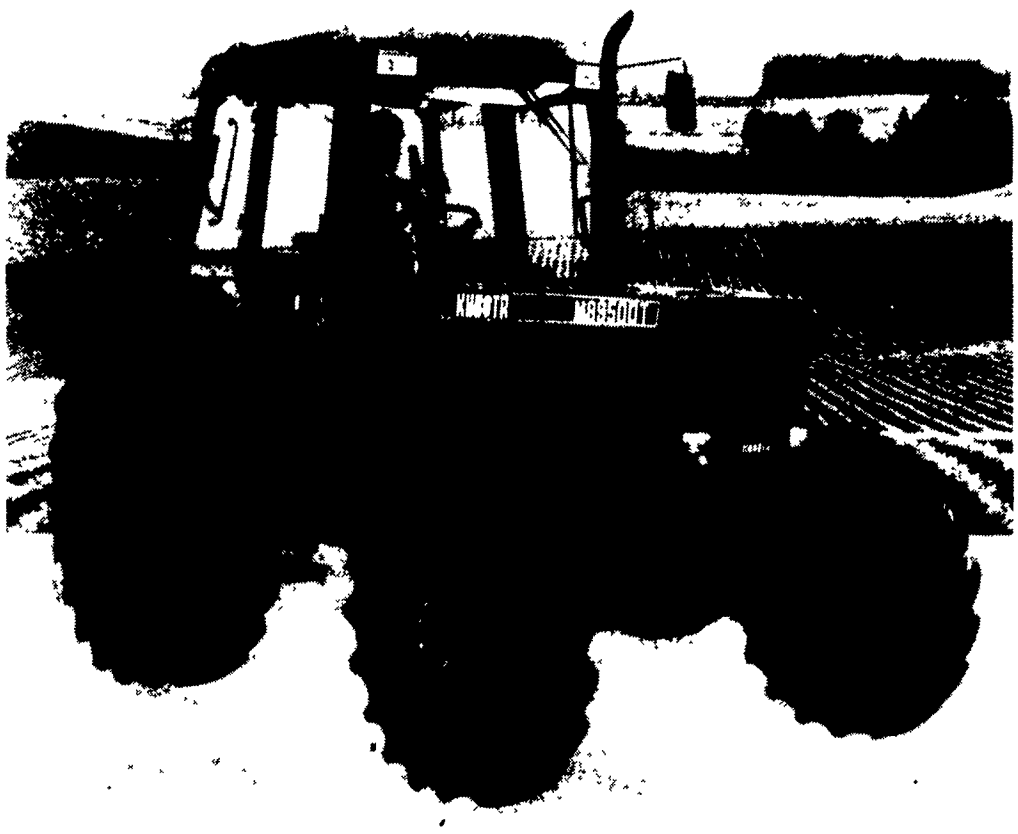

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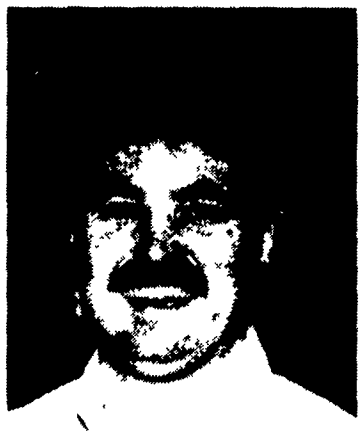
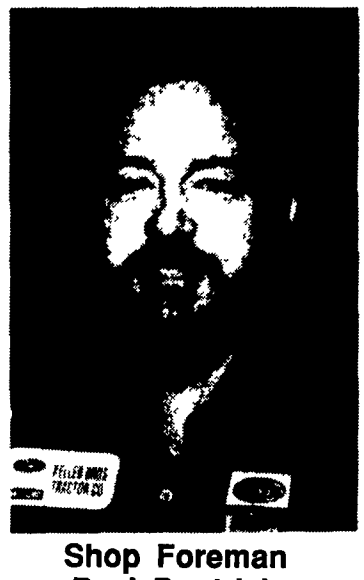
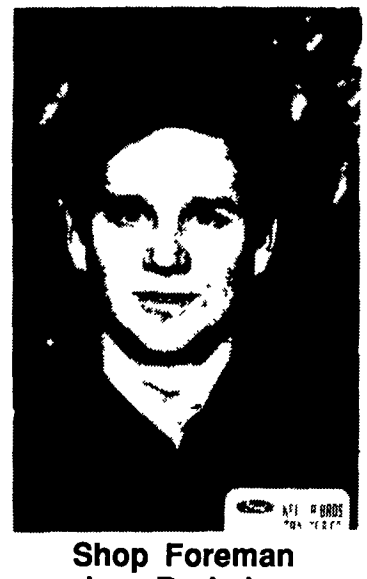


Service Manager
Darel Seibert
7½ Years



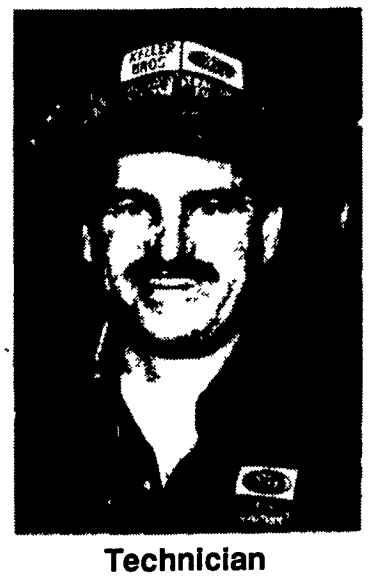
Shop Foreman
Paul Doutrich
20 Years



Shop Foreman
Jere Brubaker
10 Years

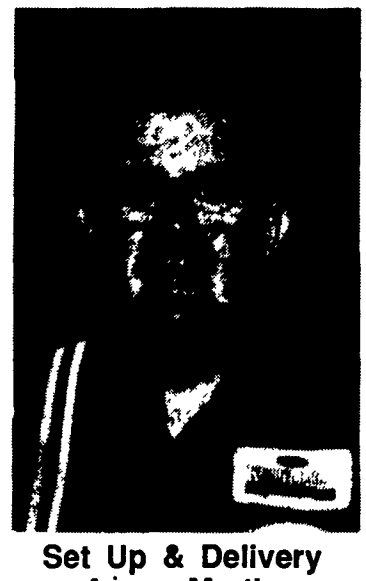
Technician
Jacob Bross
7½ Years

Technician
Harold Bross
2½ Years



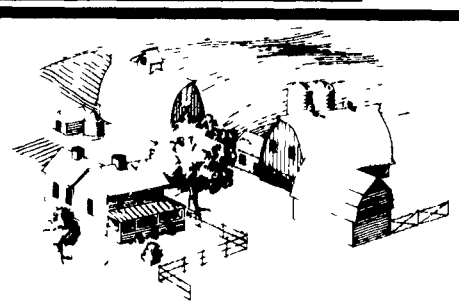
Technician
Kevin Hostetter
3 Years

Technician
Steve Zimmerman
2 Years



Set Up & Delivery
Aaron Martin
2 Years

Warehouse
Bard Hammer
1 Year



FARM MANAGEMENT

About The Futures

One of the greatest risks facing farmers today is marketing his crop. In working with farmers who needed to forecast a budget it became obvious how important knowing what the commodity price was going to be. Realistic planning cannot occur until you know what you will receive for your product. Even though farmers in general will agree that this is a problem, very few will do anything about it. Some will say there is nothing that can be done. There is something that can be done. Look into the Futures.

Naturally the objectives of marketing will vary with the type of farmer. Grain farmers will view the market differently than livestock farmers. But the goal to maximize profits is common to all. The first step toward maximizing your profit is to know precisely what it costs to produce your commodity. This is not an estimate or even an educated guess. It's definitely not depending on what some commodity budget says the cost of production is. The cost of production is what it cost you to produce that commodity. This includes the cash variable costs, the portion of fixed costs allocated to the product, the cost of any unpaid labor (your own and that of your family), and a return for the capital that you have invested. This cost will vary and must be tracked regularly. Once you know what your actual cost is you can decide how much profit you need on each commodity. The sum of your costs and profit will be the selling price that is necessary.

There exists a variety of marketing tools which can be used to the advantage of each individual farmer's needs. Among the tools available are forward contracting, futures contracts, hedging and options contracts. I will try to explain a little about each to give you some ideas on how you may be able to use them in your own farm situation. There are of course variations of each of the tools I will talk about but I would like to at least start you thinking of what you can do now to assure a profit this harvest.

Forward contracting is one of the easiest to understand. A contract is drawn for an agreed upon price. This protects the farmer from lower prices at harvest. The concept is that if you can contract for a price that will cover all your costs and provide a profit, you can eliminate the concern for prices at harvest. The reduced risk in downward price movement carries the cost of forgoing any upward price movement. If you covered your cost and profit in your contract price this should not be an area of great concern. The only disadvantage would be if a crop failure would occur. In this case you would still be responsible for delivering the agreed upon quantity. If crop failures are common for a particular year and/or area prices are higher than the contract price this results in a loss to the farmer. Keep in mind that forward contracting works well in purchasing as well as selling.

Futures contracts have been described by some farmers as gambling. Waiting until harvest to find out what the price is, in my opinion, just as much if not more a gamble than trading in the futures market. The concept is the same as in forward contracting. Know your costs and lock in a price that will insure a profit. The peace of mind in knowing that a profit exists is worth the loss of a possible price increase at harvest. The difference between forward contracting and futures contracts is in the dealing with the physical commodity. Forward contracting requires the actual delivery of the commodity. Futures markets buy and sell the contracts for the commodity not the actual commodity. Only exchange members can buy and sell futures contracts. Non members must hire an agent to deal in the futures market. The fees or commissions incurred for this service must also be taken into account when determining the minimum price a farmer is willing to accept.

In dealing in the futures market a farmer can operate as a speculator, dealing in commodities that he neither produces or consumes. More commonly a farmer will deal with a commodity with which he has a good understanding of its price movements. When a farmer deals in a commodity that he either consumes or produces in his operation he is hedging on that commodity. In speculating or in hedging a farmer must deposit a margin of the total contract with the broker.

Hedging can be shown in the following examples taken from "Financial Management for the Family Farm" Penn State Cooperative Extension.

Theoretical Example of an Insurance Hedge: Selling steers

Cash Market	Futures Market (June Contract)
October: Desired selling value in June	Sell in October
1,000 lbs @ $47 / cwt = $470	1,000 lbs @ $47 / cwt = $470
May: Sell steers	Buy in May
1,000 lbs @ $43 / cwt = $430	1,000 lbs @ $43 / cwt = $430
-$ 40	+$ 40

The example is an example of the perfect hedge. You may not be able to reduce the risk to zero and you may even make a higher profit on the transactions. The key is that you have reduced the risk of lower prices substantially by hedging.

A relatively new marketing tool is the agricultural options contract. The first agricultural options contract was traded in the fall of 1984. The options contract provides an insurance policy for price protection. An option gives a farmer the right to buy or sell a commodity at a specified price. The farmer is not obligated to exercise the option. The option contract is more appealing to farmers in that for a price a farmer can lock out unfavorable price changes and still take advantage of favorable price movement. Another appeal to trading in options is there is no margin or delivery required for the buyer.

As with any type of insurance the option adds a cost to the commodity. Careful planning and good record keeping will help the farmer know when to use the options contracts to his best advantage.

Some suggestions in dealing with risk management of price movement. Never contract your entire crop before harvest. The risk is always present of not harvesting enough to complete the contract. Use a combination of marketing tools to ensure the best possible profit. Monitor the market and your costs and be flexible in your strategy. The more successful farmers usually have very good records. They know their costs and plan ahead.

Dairy Of Distinction Area #14 Holds Banquet

Dairy of Distinction, Area #14, held their award dinner at the Arena Restaurant on June 22, 1988 for the ten winners in 1988.

David Myers, Chairman, welcomed the guests and committee.

Stephen Spencer, representing the Pennsylvania state committee, spoke to the group about the background of the program and some of the goals for the future.

Slides were shown of some of the former winners of Dairy of Distinction and some attractive ways to hang the signs.

Farmstead signs and certificates were handed out. The winners are:

Stonylake Farm, Friedens; William Glessner, Berlin; Jonas Scheffel, Somerset; Warren Saylor, Rockwood; Mountainview Farm, Berlin; Calvin and William Baker, Williamsburg; Blackcrest Farm, Altoona; Far-Ann Farm, Martinsburg; and Fred Bechtel, Curryville.

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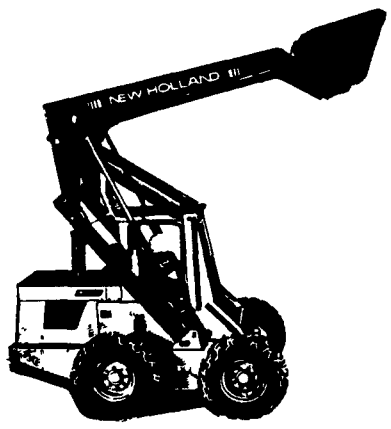

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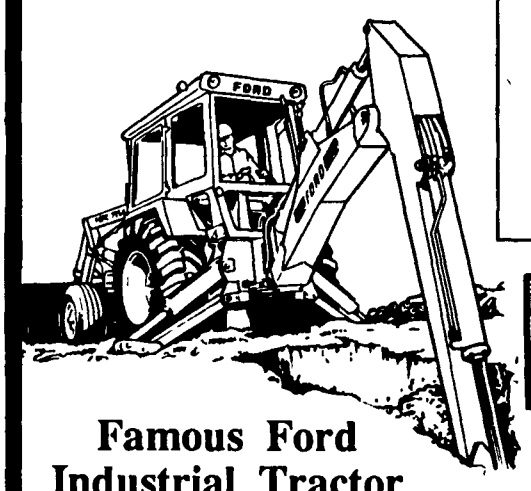

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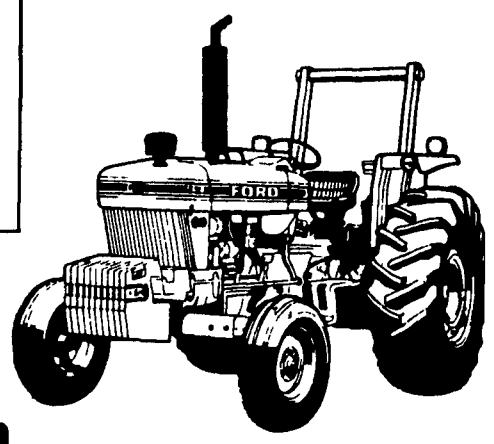

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-A series of violent thunderstorms over the weekend and Monday damaged growing crops, especially row crops, flooded roads and basements and caused severe damage in populated areas near Lancaster.

The rains were of such intensity that normal soil conservation procedures broke down under the water load imposed upon them. Ephrata, for example, reported more than eight inches of rainfall since July 1, an average of more than an inch a day.

- Raising market hogs in herds of four or five hundred is generally assumed to be done in the Midwest. But if you want to see such an operation, you need go no farther than the farm of Bus Shoemaker, R2 Quarryville.

Shoemaker now has about 470 head of barrows and gilts on feed on his 450-acre farm. His hogs range in size from feeder pigs to market weights.

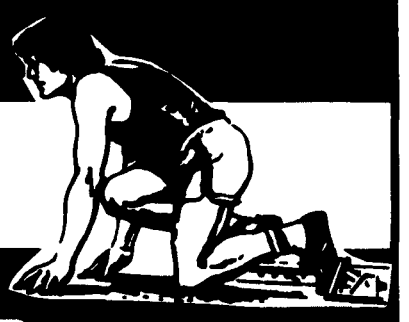
His present program calls for selling a lot of 25 to 30 head each week throughout the year.

- Reduction of deaths from accidents on Pennsylvania farms to "zero" during Farm Safety Week, July 20-26, is a goal set Wednesday by the State Farm Safety Week Committee.

Agriculture Secretary William L. Henning, Farm Safety Week state chairman, said 50 farm workers and children lost their lives in accidents and fires on farms from Jan. 1 to June 30, an average of nearly two per week. For the same six-month period last year 40 fatalities were recorded.

- First official estimates show Pennsylvania's 1958 peach crop is expected to total 3,000,000 bushels, a 700,000 bushel increase over 1957, the State Department of Agriculture said today.

READY - SET - GO!



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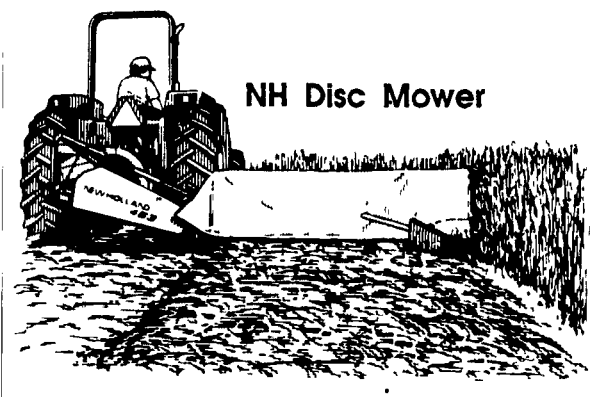

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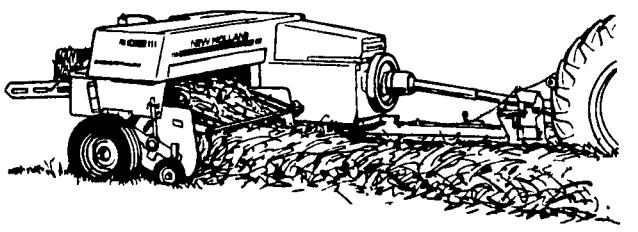

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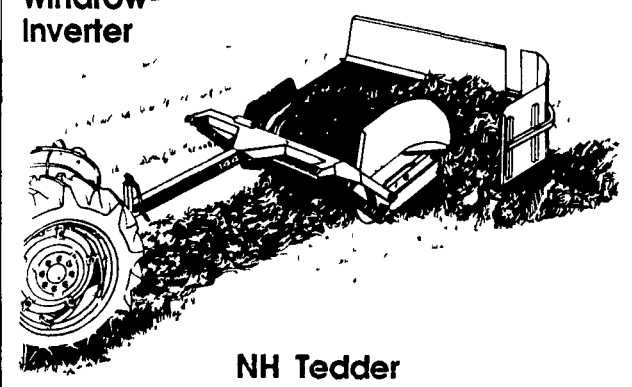

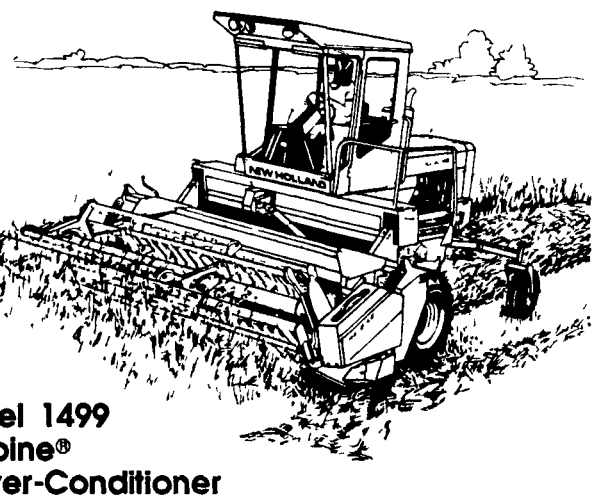

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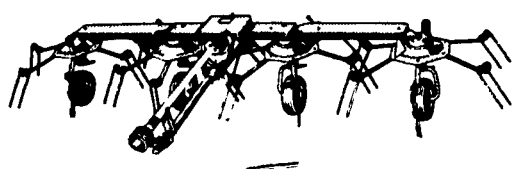

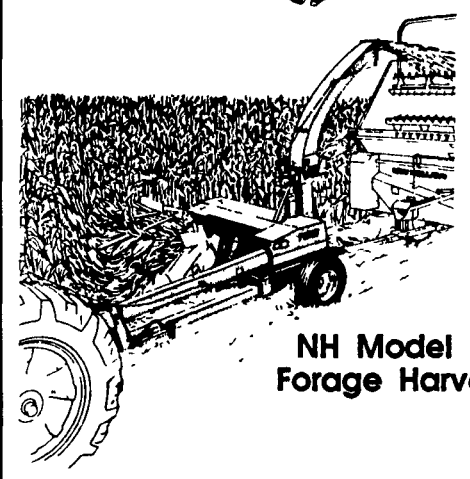

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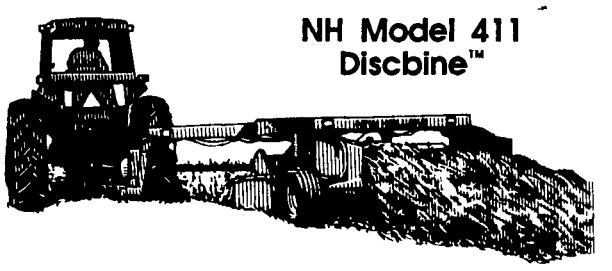

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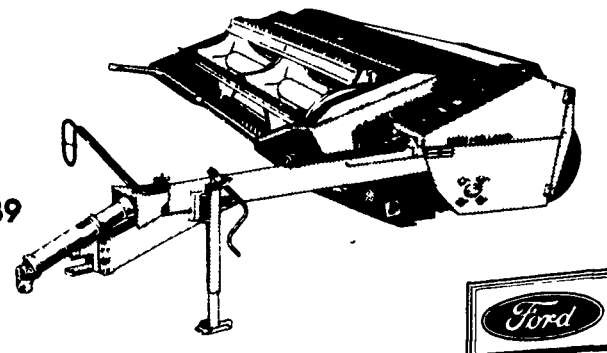

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Dairymen Invited To Attend New York State Fair

SYRACUSE, New York — New York State's dairy farmers and agribusiness leaders are once again cordially invited to attend the Tenth Annual Dairy Day at the New York State Fair, Monday, August 29, 1988. Numerous festivities have been arranged to give the dairy farmers as well as the agribusiness representatives a chance to come together and recognize individuals for their many accomplishments. Activities and entertainment are also being planned to give fairgoers a closer look at the dairy industry.

A continental brunch beginning at 8:30 a.m. and running until 10:30 a.m in the Art and Home Center will be offered to those attending the decade-old event. Yearly awards will be given under various categories including the Dairy of Distinction awards and the 4-H Dairy Bowl winners.

At 10:30 a.m., activities will move to Miller Court where fairgoers will get to see the media trying to master the age-old art of cow milking through a fun-filled contest. After the contest, those attending will be able to enjoy the Dairy Day parade as well as eat ice cream from the giant sundae that will be built.

Besides the scheduled events, there will be plenty of time to take in all the sites of the fair, especially the newly remodeled Dairy Products Building. The renovations that began last year have been continued, as will be noticeable by the placement of new booths, decor, and exhibits--not to mention new plumbing and wiring. These improvements in the building make it very easy for dairy farmers to feel pride in the dairy industry while showing the public the wholesome dairy products available for their consumption.

Dairy Day, which is sponsored by the New York State Fair, New York Dairy Exhibits, Inc. and Dairy Products Building Task Force, is the perfect way for all dairy farmers, related business leaders and consumers to come together to enjoy the great New York State Fair and recognize the dairy industry for its important role in the state's economy.

Further information about Dairy Day is available by calling the American Dairy Association and Dairy Council (ADADC) at (315) 472-9143. ADADC is a dairy promotion organization representing 20,000 dairy producers from New York, New Jersey and Pennsylvania.

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

Drought Could Cut Dairy Farm Income In Half

ARLINGTON, Va. — Effects of the drought could cut dairy farmers income in half over the next 12 months. Estimates released today by National Milk Producers Federation (NMPF) show a potential drop in net cash income that could reach nearly 70 percent because of increased feed costs, lower prices for the animals which are culled and sold for meat, and an impending support price cut in January. Net cash income is the money farmers have available to pay debt principal, income taxes and family living expenses.

NMPF says that farmers in the Midwest, for example, are already feeding their cows hay that would normally be used next winter because their pastures have dried up.

Farmers who must buy hay face skyrocketing prices. One feed cooperative in Ohio reports that it must purchase alfalfa hay from Idaho at double the price of last year's local hay. While corn yields cannot yet be determined, a minimum crop loss of 15 to 20 percent is already likely in most of the Midwest.

Even before the drought began, NMPF estimated that dairy farmers faced a $700 million loss if the U.S. Department of Agriculture inplements another cut in the dairy price support level in January. A grass roots effort is underway to convince Agriculture Secretary Lyng not to implement further price reductions.

Says NMPF's Chief Executive James C. Barr, "At current milk and feed prices, a 15 percent increase in feed costs equates to an effective reduction to the farmer of 50 cents for each 100 pounds of milk marketed. This drought means farmers are already experiencing the same impact as a price cut."

NMPF member cooperatives meet in St. Louis today to assess drought damage in the different regions and to agree upon what actions must be taken to stabilize the incomes of the nation's dairy farmers.

NMPF is a 73-year-old farm commodity organization that represents dairy farmers and their milk marketing cooperatives. The Federation serves as a forum for the development of positions on national dairy policy and communicates the needs and concerns of its members to the Congress and the Administration.

Red & White Open House Set

CRYSTAL SPRING — An open house and dedication of the new national office building of the Red & White Holstein Association will be held here Saturday, July 23 at 11 a.m. John Carpenter, office manager, said that visitors from across the U.S. and Canada are expected to attend. Included in the day's activities will be: tours of the building, a welcome from National President Jere Good, and a chicken barbecue at noon.

The National Red & White Holstein Association has 1300 members and is officially recognized by USDA. The new home office is located eight miles southeast of Breezewood on Route 915. More information may be obtained by calling 814-735-4221.

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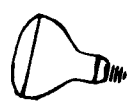

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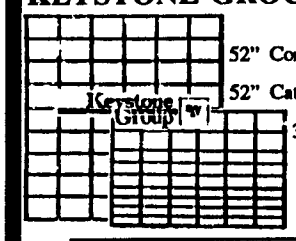

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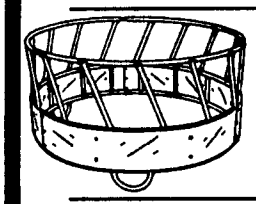

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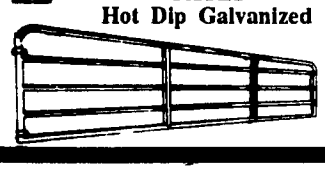

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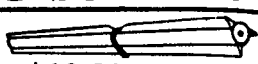

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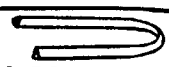

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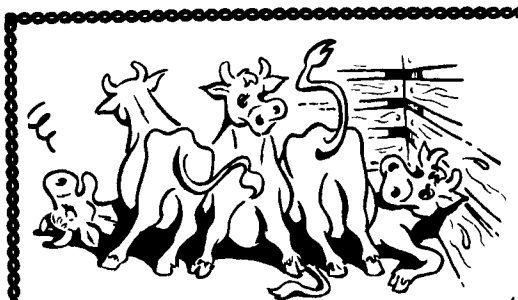

NEED MORE ROOM?
Read The Real Estate Ads
In Lancaster Farming's Classified Section

Jersey Sale Has $2225 Top

BY GINGER SECRIST MYERS
Adams Co. Correspondent

SHIPPENSBURG — The Cumberland Valley Jersey Breeders Sale, held Saturday, July 2nd, at the Shippensburg Fairground, again underscored the strong demand for Jerseys in the area. The sale averaged $1193.93 on 33 head of cows and springing heifers and $571.66 on 9 calves, for a cummulative average of 1090.25 on the 42 lots sold.

Topping the sale at $2225.00 was the consignment of John Bishop 6th, Columbus, NJ, Ogston Top Brass Leanore. Fresh in May with her second calf and milking over 60 pounds daily, this fancy young A-Nine Top Brass daughter looked every point of her VG score plus a few more. Her credits also included a record at 2-00 286 days of 13,416 pounds of milk and 612 pounds of butterfat.

Her dam was Ogston Generator Leanore VG 84% with 1-10 305 days 14,096 pounds of milk, 550 pounds of butterfat, and 694 pounds of protein. She was sold in the 1986 Waverly Invitational Sale. The next dam back was also scored VG and has records of 19,590 pounds of milk, 758 pounds of butterfat, and 637 pounds of protein.

The purchaser was Melanie Houser, New Oxford, PA. Melanie adds this fancy young Ogston cow to a half-dozen other Jerseys she is housing with her parents 60 cow Holstein herd. She plans to show her and possibly do some embryo transfer work with her.

Second high selling cow commanded a price of $1750.00 from Gerald Hart, Mifflintown, PA. He purchased W.F. Persistence Malted, an Excellent Saint Persistence daughter consigned by George Doody Jr., Clearbrook, VA. Malted's effort to date was at 3-09 311 days with 12,847 pounds of milk, 618 pounds of butterfat, and 473 pounds of protein. Her dam was scored VG 88% with records over 15,000 pounds of milk and 661 pounds of butterfat. The next dam back was W.F. Surville Mimosa EX 90% who sold in the 1978 All-American Jersey Sale.

Hart also paid the second high selling price of the day $1700.00, for Little Pond Jeff Marie. This daughter of Smokey Hill Saint Jeff was consigned by Calvin Watson, Troy, PA. Fresh just the day before the sale with her second calf, Marie showed the strength of body and udder capacity which yielded her first record at 1-09 305 days of 10,310 pounds of milk, 441 pounds of butterfat, and 384 pounds of protein.

Her dam is an EX 90% Favorite Saint daughter with records to 16,250m pounds of milk and 784 pounds of butterfat. The next dam back has records to 10,630 pounds of milk with a 6.6% butterfat test.

Prior to the start of the sale a March heifer calf donated by Max Spann, Heron Run Farm, Washington, NJ, was sold with entire proceeds going to benefit the 1st Pennsylvania Two-Yr-Old Jersey Futurity. This special class will be making its debut at the 25th PA All-American Show to be held this September in Harrisburg.

This fancy Junior Calf was sired by IMP. Golden Munifordias Noble and was out of a VG 85% Silver Beacon dam with records to 11,420 pounds of milk, 620 pounds of butterfat, and 468 pounds of protein. Larry Stone, Carlisle, PA, paid $525.00 for this good pedigreed young calf.

Sale held Saturday, July 2nd, at the Shippensburg Fairgrounds was Ogston Top Brass Leanore who sold for $2225.00. Shown here with the high selling cow are (l-r); Rachelle Bair, Thomasville, PA, Melanie Houser, New Oxford, PA, buyer, Lester Martin, sale chairman and representing Jack Bishop 6th, consignor, and Lee Golde, leadsman.

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Delegate Interviews Reveal Concerns

(Continued from Page A1)

Richard Keene, one of New York's national delegates, said although he was in support of the grade-up program, he was not upset that the proposal to change the bylaws did not pass.

"I've been listening to this discussion for 15 years and I'm sure it will come up again next year," said Keene. "It's taken 15 years to get it to a vote."

But Keene believes it will eventually pass and that its passage will strengthen the National Holstein Association through increased membership and as a result improve the organization from a business angle.

"Short range the registered breeders feel it will hurt the value of their cattle. Long range I think we should include everybody in the fraternity to build a stronger fraternity. We don't need this fighting within an organization," added Keene.

John Emerling also of New York said he believed it was the general feeling of the whole convention that eventually NIP would pass.

"My personal opinion is that I see no problem with it. I am concerned that a few years down the road as farms become larger and more commercial that in order for the Holstein organization to maintain its membership we need to keep costs to our members at a level which they can afford. The grade-up program will result in a stronger association by allowing us to continue to provide services without astronomical costs and enhance the profitability of all breeders. If the program is not passed, I'm just afraid it will have a snowball effect in a negative way," explained Emerling.

Several opponents of the grade-up proposal felt the last minute changes to the proposal would be just the weight needed to swing the vote in favor of the program. However that was not the case. The final proposal, if passed, would have initiated the bylaw changes, but would have postponed implementation for one year. During that year the proposal would be submitted to delegates for review and final approval.

One of New Jersey's three national delegates, Richard Byma, feels that tabling the grade-up proposal for a year gives the national board time to refine it and gives supporters time to gather more support for their program.

"There are a lot of older delegates who were firm on voting against it, but the older delegates may eventually be replaced by younger delegates next year who support it," said Byma

All three of New Jersey's delegates, according to Byma, are against the grade-up proposal. Byma is specifically concerned with the inherent consequences of the first step of the proposal.

According to the present proposal the breed of the first dam of the animal in question is based on the farmer's word alone. The only proof which could be available would be DHIA records, if the farmer were on test at that time.

"It (the first dam) could be any kind of cow. We really have no way of knowing and we as registered breeders are paying for this program and I resent it. Someone else can just slide right in and I don't think it is fair," explained Byma.

Harvey Stoltzfus, one of Pennsylvania's national delegates, reiterated Byma's feelings and he added, "That first dam could be Angus or kangaroo and it may not show up in the first generation or the second, but it is bound to pop out somewhere eventually. Anybody could bring in anything," said Stoltzfus.

Certainly Stoltzfus, whose grandfather purchased the first registered Holstein in the Conestoga Valley in the early 1900's, does not expect to see black and white cattle jumping around farms, but on the serious side, step one is an area of great concern for many registered breeders. Many feel this first step makes it too easy to get registration for a grade animal of questionable origin.

"Why do we need the grade-up program. We (registered Holstein breeders) have plenty of genetics which are being overlooked. I personally believe the grade cattle have nothing to add," said Stoltzfus. "And if we as registered breeders are dropping that far behind genetically then we are in serious trouble."

Not all breeders feel that way. Emerling feels the demand for good Holsteins exceeds the supply.

"We (the Emerlings) export and sell a lot of cattle and there never seems to be enough good cows. Just two minutes ago I got a call to be a consigner and I just can't do it. I've got to keep some. There is always a demand for good cows," said Emerling. "I don't see that it will hurt the market."

And as Byma previously referred to, the question of who is paying for what is also another area of concern. The fee to register purebred calves before three-months of age is $3. The fee to register grade cattle at the same age is $1. The administration fee schedule for purebred cattle is $30. The administration fee schedule for grade cattle is $10. Byma said supporters of the NIP claim that based on the number of cattle, grade-up fees will equal fees paid by the purebred breeders. Byma does not agree and asks why all fees should not be the same across board for everyone?

"We all get the same price for milk and the average breeder, which most of us are, makes his money from selling milk and if he can sell a few good cows, well, that's even better," stated Byma.

John Morris, one of Maryland's national delegates also emphasized the $1 charge to register grade cattle is not high enough nor does it reflect the investments in fees which registered breeders have made.

The Maryland state board of directors sent letters to their members with several points to ponder before making a decision on this issue which are still valid considertions after the convention:

•Will the proposal add to subtract from the value of registered Holsteins?

•NIP proposal has provisions to allow cancel cows to comeback into the herdbook with "QE" designations. Do we as breeders really want people cancelling cows without consequences?

•The national board has promoted policy making all programs cover their own costs. Are sufficient fees being charged to cover all costs associated with Step 1 animals?

•Should Step 1 animals be required to be sired by a registered Holstein sire?

•Has the committee possibly forgotten in developing this program that we really already have a grade ID program in place?

Registered breeders are concerned that the current proposal may sacrifice numbers for quality in the herd book. Discussion throughout the country will continue on who the grade-up proposal will benefit and many registered breeders feel it certainly will not be them, in spite of the years and thousands of dollars registered breeders have already invested in their pedigreed herds.

Supporters of the program note that opening up the herdbook will increase membership and will bring an influx of dollars which can only strengthen the association.

"In this coming year we all must work together with all the states around us," urged Byma. "We don't want to let the issue drop. It is up to the leadership to work on that with the other states.

NEED MORE ROOM? Read The Classified Real Estate Ads

Top Bid At $50,000

(Continued from Page A1)

Hilltop Hanover Director-ET also brought $50,000 and sold to Horizon II Bull Syndicate of California. Director-ET was consigned by Alta Genetics, Inc. of Alberta, Canada.

The first choice of eight embryo transfers from Balland Rotate Juliette went for $40,000 to Discover Julius Syndicate of California and was consigned by Manuel & Fulmina Maciel of Hanford, California.

C Wrico Enhancer Leanna-Red was sold for export to Columbia for $34,000. Leanna sold with many A.I. and ET contracts and was consigned by Carlos A. Palacio of Chino, CA. She was the All-American Red and White Junior Yearling for 1986.

Pennsylvania produced the two top selling animals at last year's more centrally located sale held in Indianapolis. Woodbine Farms of Airville sold the first choice of males from seven Rotate pregnancies out of Woodbine K-Valiant Eleanor-ET for $140,000. Last year's second top bid was $100,000 for Pen-Col Farms and Coldsprings Farm at Meadville for a Red and White bull calf by Enhancer.

According to Seipt, many people he talked with at the National Holstein Convention related scenes throughout the Midwest of over-loaded livestock sales and sales which had to close their doors while cattle trucks lined-up along the roads.

"The drought situation was not too encouraging to many people who if they had money saved up to buy an individual animal they know that money was going to have to go to buy feed," said Seipt.

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REAL ESTATE @ 2:00 PM

LOCATON: RT. 641 APPX. 4-5 MI. NORTH OF RT. 75 IN HUNTINGDON CO., PA.

DIRECTIONS: Take Rt. 75 east from exit 14 of Pa. Turnpike to Rt. 641 and go north appx. 6 mi. to property on left. Watch for auction signs.

REAL ESTATE consists of 27 acres more or less of woodland with a 2½ story frame 3 bedroom home with living rm & dining area, eat-in kitchen and den. There is a carport-3 car detached garage with a full upstairs at ground level. Property is in excellent shape. Septic & well on property. This property is too large for the present owners because of health reasons. Perfect year round residence as well as ideal for a hunting lodge. Close to Raystown Lake. Call for appt. to see.

PERSONAL PROPERTY includes a 1950 8N FORD TRACTOR w/disc cultivator, plow, etc., 10 HP SEARS tractor w/36" mower & snowblade, 16 HP SEARS tractor, TROYBUILT ROTOTILLER w/snowblade, bagwagon, garden tools, bicycles & parts, early Harley Davidson sidecar, rope, oil, gas cans, log & tire chains, 42 gal. water tank, lawnmowers & parts, tool chests & cabinets, 3 HP Atlas Rototiller, jacks & jackstands, workbench, 5" grinder, sprayers, tow bar, welder's mask, hard hats, plumbing tools, metal saw sharpener, old lg. wood planes, sm. drill press, Dunlap drill press, 6" Delta joiner, tap & dies, pliers, wrenches, hammers, saws, power mower engine, 6" jaw vise, sm. iron table vise, vib. sander, 3/8" drill, hand power tools, 4 chain saws, lg. & sm. air compressor, ½ HP sm. elec. motors, 1250 watt generator, weed-eater, bushwacker, elec. cords, ext. & step ladders, jumper cables, timing lights, grease guns, lg. grindstone, jewel ironstone, misc. trailers, misc. early furniture not discovered by print time, old toys and many misc. items too numerous to mention. This is a sale of several generations of collecting. Follow-up auction on Sept. 10, 1988.

Sale by:
MERLE H. AND NANNIE G. KLOBETANZ
SANFORD G. LEAMAN,
CAI AUCTIONEER
Lic. #AU-532-L
(717) 569-4264
Food Stand
TERMS OF REAL ESTATE: 10% down day of sale, balance on or before October 1, 1988.

Farmers Union Asks For Milk Price Increase

HARRISBURG — Allen Deiter, President of the Pennsylvania Farmers Union, has announced that the PFU is recommending several proposals to enable farmers to cope with the serious drought conditions in Pennsylvania and surrounding states. Some of the proposals are:

1. PFU is calling on the Milk Marketing Board to hold an emergency hearing to raise milk prices by $2.00 per hundred weight to the dairy farmers that the PMMB regulates.

2. PFU will petition the USDA to conduct a national milk hearing to raise prices in all milk orders by $2/cwt.

3. In the event that a hearing is not held, PFU will be working with key members of Congress to raise the support price of manufactured milk products from $10.60/cwt to $12.60/cwt. In addition, they are asking Congress to pass special legislation to forgo any milk price support cuts slated for January of 1989.

4. PFU will be asking the USDA to reveal the amounts of agricultural products that they have in storage.

5. They are also calling on the USDA to release grain to livestock and dairy farmers at support price levels.

Deiter also said that the drought in the midwest has forced livestock producers to send thousands of animals prematurely to market, which has lowered prices to all farmers.

Also, the drought has enabled speculators to accelerate grain prices to livestock and dairy farmers without grain farmers benefiting. While grain prices have skyrocketted, prices to area dairy farmers have dipped below the 1979 level.

"Increased prices for grain and soybeans will benefit the farmers who have some to sell," said Deiter. "But it's disastrous for the dairy and livestock farmers who have to buy it." Deiter concluded by saying that the Farmers Union Milk Producers Cooperative in Western Pennsylvania and the Northern Tier Farmers Union Cooperative are joining the PFU in recommending the proposals.

NCGA Reommendations

ST. LOUIS, MO — "We remain optimistic that rain in the next two weeks would greatly offset disastrous yield reduction of 1988 crops," said National Corn Growers Association President Keith Hora in a recent news conference.

However, Hora expressed concern with the current drought situation and urged Congress and the Administration to consider action to minimize the impact of the ongoing drought.

"We hope that anticipated savings in federal expenditures for agriculture would now be made available in the form of drought assistance," Hora said.

He added the final 1987-88 feed grain deficiency payment is in jeopardy as a result of weather-driven cash price increases.

"Efforts should be taken to compensate for the impact of weather on increasing prices used to determine a farmer's deficiency payment benefits."

Hora and the NCGA leadership also recommend that farmers who are program participants with total loss should be allowed to enroll in a modified 0/92 progrlam. This would provide producers with up to 92 percent of their anticipated deficiency payment.

According to Hora, as cash corn prices increase, the trigger level of farmer-owned reserve corn is rapidly approaching. "To encourage orderly redemptions without jeopardizing income, the USDA should forego interest obligations against their reserve corn," he said.

NCGA leadership is pleased with congressional and administrative initiations so far but said they feel implementing these efforts could help avoid another major farm financial crisis.

ESTATE AUCTION

FARM MACHINERY - SHOP TOOLS - BUILDING SUPPLIES - ANTIQUES

SATURDAY, JULY 16 - 8:30 A.M.

Due to the death of my father, Mr. Pascal H. Renn, Sr., I, the undersigned will sell on the premises, 5459 Renn Road, Frederick, MD. the following:

FARM MACHINERY: Oliver 3 pt. 4-16" trip back plow, Dearborne 3 pt. 2-14" plow, Case 10 ft. disc w/leveler, Bushhog 9 ft. offset harrow, A/C 10 ft. trailer chisel plow, chain harrow, 12 ft. cultipacker, Brillion 9 ft. turf seeder, 2 rear mounted weeders, 3 pt. cultivator, 2 single point sub-soilers, A/C 6 row no-till corn planter w/dry fert. insecticide boxes & dickey john monitor, John Blue 400 gal. S-steel sprayer, Danuser post hole digger w/2 augers, Grove 3 pt. snow blower, 5 ft. 3 pt. rotary mower, 6 ft. 3 pt. scraper, International 55T baler, Ferguson 3 pt. PTO rake, MC rotary scythe, 2 McCormick deering 16 disc drills (1 for parts), Snowco PTO grain tank, PTO seed easy seeder, Case 36 ft. elevator, Walsh fiberglass sprayer, dual wheel trailer w/PTO dump, gravity box on dual wheel trailer w/hyd. auger, trailer w/tank, pump, & meter, wooden slab drag, 12 ft. elevator w/motor, 16 ft. grain auger, gasoline water pump, 3 wheel self propelled high clear sprayer w/Wisconsin engine, Wisconsin 1 cyl. engine, 2 wheel cart, trailer axle, Honda 200m 3-wheeler, lawn sweeper, lawn 2 wheel cart, snowmobile trailer.

TRACTORS: Fordson Major Diesel 3 pt. hitch, McCormick Farmall Super M-TA Diesel, Oliver 770 Diesel, Ford 8 N with live hyraulic pump & loader, 1947 Jeep w/PTO.

SHOP TOOLS: air compressor, welder, acetylene set, heavy duty battery charger, 2½ hp bench grinders, 2 B&D disc grinders, ¼" drill, ½" drill, manual drill press, vise, 2 anvils, B&D saw, table saw, post vise, ⅜ & ½" socket sets, wrenches, pipe threader, cutters, wrenches, bolt cutters, large & small screw jacks, creepers, ½ ton chain hoist, elec. cords, saws, hammers, 100 boxes of bolts & screws, and many items found in a complete shop.

Bush axes, maddox, picks, shovels, digging irons, forks, hoes, gas cans, flame thrower, log chains of all sizes, chain binder, clevis, chain come-a-longs, can hooks, ladders, rope hoist, 2 kerosene heaters.

BUILDING SUPPLIES: 2000 bd. dr. cedar siding, 10 interior 6 panel solid wood door units, Anderson casement windows, Anderson dbl. hung windows (insl. glass), 84" dbl. bowl marbleized vanity top, 48" marbleized vanity top, dura-wall, 22 bags Surewall stucco agent, 12 bags thoro seal, lots of new, used, & old lumber, joist hangers, alum. concrete chute, bull float, trowel machine, 2 propane space heaters.

ANTIQUES: 1 horse stick wagon (good shape), wicker sleigh body (good shape), 2 coach doors, side saddle, 15 sets hanes & misc. leather harnesses, straw knife, brammel scythes, wooden pulleys, large barn jack dtd. Jan. 5, 1886, wooden wagon jack dtd. 1860, old washtub clothes wringer, wooden PIA cider press, wooden corn sheller, old seed sower, milk cans, blacksmith tongs, 2 forge blowers, 2 platform scales, brass face scales, scale beam, 2 sulliard scales, old wet stone & frame, old sheep sheers, c.i. seat labeled Champion, metal seats, 4 butchering kettles, 2 meat grinders, cane rocking chair, gl. lamp shades, butter churn, quilting frame, 2 twin iron beds, 2 HIGH BACK WALNUT BEDS, 1 cannon ball bed, c.i. cookstove, old childs scooter, 1 pc. slate pool table, shoelast set, RCA stereo, 2 English saddles, wooden clothes dryer, spinning wheel, yarn winder, dinner bell, etc.

DIRECTIONS: From Frederick, take 340 W. to Mt. Zion Rd. Exit, left on Mt. Zion, go 300 yrds, then right on Elmer Derr, left on Renn Rd. to sale.

*****AUCTIONEERS NOTE: Mr. Renn was a well known & respected Frederick County farmer, and this is the first sale on the farm in over 70 yrs. If you are interested in new or old tools, please attend this sale. Sale should last all day.***

ORDER OF SALE: Building Supplies, misc. and tools, Antiques will be sold starting at 12 noon, tractors, and farm machinery.
TERMS: Cash or good check.

PASCAL H. RENN, JR.,
EXECUTOR

Bob Biser, Auctioneer (301-662-7424)
George Lease, Auctioneer

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PUBLIC SALE

Forest Hill Machine Shop
Steel Working Equipment
& Inventory
65 H.P. Diesel

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Saturday, August 6, 1988
9:30 a.m.
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Floor Model & Hand Tools

South Bend 16x40 lath; 25 ton shop press; 300 amp. Airco Mig welder; Buffalo No. 0 iron worker; 7x12 horizontal metal band saw; 4' 12 guage metal roller; 15 ton punch press; 40 ton break press, 8'; 28" No. 4 drill; taper spindle, self feed; cut-a-matic traveling torch; 2½ ton chain hoist; Signode half inch banding machine complete with tools; 65 H.P. Deutz diesel with clutch; 12 K.W. 3600 R.P.M. generator; 7.5 K.W. 1800 R.P.M. generator; G.E. 300 amp. D.C. welder; No. 3-6" belt lacer; 5 gal. air paint sprayer; Unittool punch units, various sizes; 8 hydraulic motors off equipment; iron bender with Hossfeld die fits; hand broacks, various sizes; welding tables; die indicators; calubors, various sizes; Airco hand torch; air hand tools; hydraulic hose machine; air powdered Skil saw; electric motors; various sizes; Wisconsin engine parts, Briggs engine parts; pulleys and P.T.O. parts; real stainless steel welding wire .035.

4,000 Tobacco Lath, Stainless Steel Milk Strainers, Surge Milker Parts

New Inventory

Plow parts, sheaves, etc.; pipe fittings; 2 to 8 hitch horse trees; angle; channel; flat; tube iron; approximately 25 wagons and equipment tongues; 100 - 20x20x50 cardboard boxes; V belts, various sizes; A.B. and A & G pulley and sprocket display rack; reel of 3/8" hydraulic hose and half in hydraulic hose; bearings and pulleys, all sizes; hydraulic hose fittings; mower bar parts; roller and link chain. Many items not listed.

Owner:
Forest Hill Machine Shop
Daniel S. Glick

Auctioneer:
Steve Petersheim:
Steve Jr.
215-593-2828
Lic. #AU-001349-L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JULY

THURS. JULY 7 - 1PM Furniture, Household, Auto, Including The Luther Wilson Estate. Located 1 1/10 Mile North of Manchester, Pa. Along Rt. 181, Turn Right at Gray Rock. Watch for Signs. Rentzel's Auction Service.

FRI JULY 8 - 5.30PM Real Estate, Guns, HH. On Rt. 850, 2 mi. S of Kistler, PA 6 mi W of Loysville, Perry Co , Pa Owners: William & Nancy Palm Auct Kling's Auctions, Inc

FRI. JULY 8 - 8PM Complete Milking Herd and Bred Heifer Dispersal. Smoketown Quality Dairy Sales, Smoketown, Pa. Rte. 340. Steven Brendlinger, Owner. Gordon & Helen Fritz, Aucts.

SAT. JULY 9 - 9AM Amish School Benefit Sale. 50 Quilts, Farm Equip. At the Sherman View School, Perry Co , Pa , 3 mi. W of Loysville, 1 mi S of Centre off Rt. 274, 35 mi. NW of Harrisburg, Pa. By Perry Co. Amish Parachiol Schools Managed by Kling's Auctions, Inc

SAT. JULY 9 - 10AM Farm Equipment Whitehall, Va From N or S on Rt 81 exit onto Rt. 37 & follow to exit for 522 N. Go N to 1st traffic light, turn right & go 9 mi. to sale If coming W on Rt. 7 or 50 toward Winchester, take 81 N & follow above instructions Rudolph Auction Service Paul E Richards

SAT JULY 9 - 10AM Furniture And Antiques from Local estates At Rudnick's Sales, Route 213 Galena, MD Harry Rudnich & Sons, aucts

MON JULY 11 - 4PM Huge Farm Dispersal Sekoll Farm, Greenwood, N Y Follow arrows off Rts 248 or 418 (12 miles from Knoxville, Pa) DH Rumsey, Sale Manager Victor Kent And Sons, Aucts

JULY 18 - 7PM 3 Acre M/L Farmette Bordering Pequea Creek Located At 55 Paradise Lane — Take Rt. 30 East of Lancaster approx 9 miles — Turn south at Paradise Fellowship Church on to Singer Ave follow to Paradise Lane (Watch for auction sign) Jake Eichelberger, Owner. Attorney Linda Kling. Ron Funk & Gordon Ressler, Aucts

FRI JULY 22 - 4PM Roth Auction Tractors, Orchard Equip , Riding Mower, Antiques 6 Miles W. Of Schnecksville, one mile E of New Tripoli, turn S off Rt 309 at (Hamm's Drive Inn Restaurant & Northwestern H School), go ½ mile to stop sign, then left ½ mile to Farm, Lehigh Co., Pa Blassius & Edna Roth, Owners. Ralph W. Zettlemoyer Auction Co

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Upcoming Auctions

Sat. July 23- 9:00AM- Travel Trailers, R.V. Inventory. Cochranville, Pa. B A Manufacturing.

Sat. July 23- 2:00PM- Real Estate, 5 Bedroom House, Horse Barn. Leola, Pa. Robert Herman Estate S.A.

Fri. July 29- 6:30PM- Real Estate, 4 Acre Farmette. Gap, Pa. Lenard & Carol Lundberg.

Sat. Aug. 6- 9:30AM- Steel Working Shop, Tools. Leola, Pa. Daniel S. Glick.

Thurs. Aug. 25- 6:30PM- Real Estate- 2 Acre Farmette. Gap, Pa. Ken & Sadie Shertz.

Thurs. Sept. 1- 6:30PM- Gun Collection. Bird-In-Hand, Pa. Miller & Witmer.

Sat. Sept. 17- 10AM- Quilt Auction. Honeybrook Fire Co.

Wed. Sept. 28- 1PM- Real Estate, 200 Acre, Dairy Farm. Gap. James & Elizabeth Stoltzfoos.

Sat. Oct. 8- 10AM- Real Estate, 69 Acre Dairy Farm & Household Goods. Bart, Pa. A. Robert Stotlomyer Estate.

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Saturday - July 16.....9:00 A.M. - 2:00 P.M.

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Does It Take The Handicapped To Show Balance Between Industry And Agriculture

BY JOYCE BUPP
York Co. Correspondent

YORK — To a passerby on Mundis Mill Road, the roadside produce stand could be just another of the hundreds that dot the countrysides of Central Pennsylvania.

But a large sign at its' front - "R.I.T.C. Farm fresh produce" - announces the uniqueness of this neatly painted sales booth.

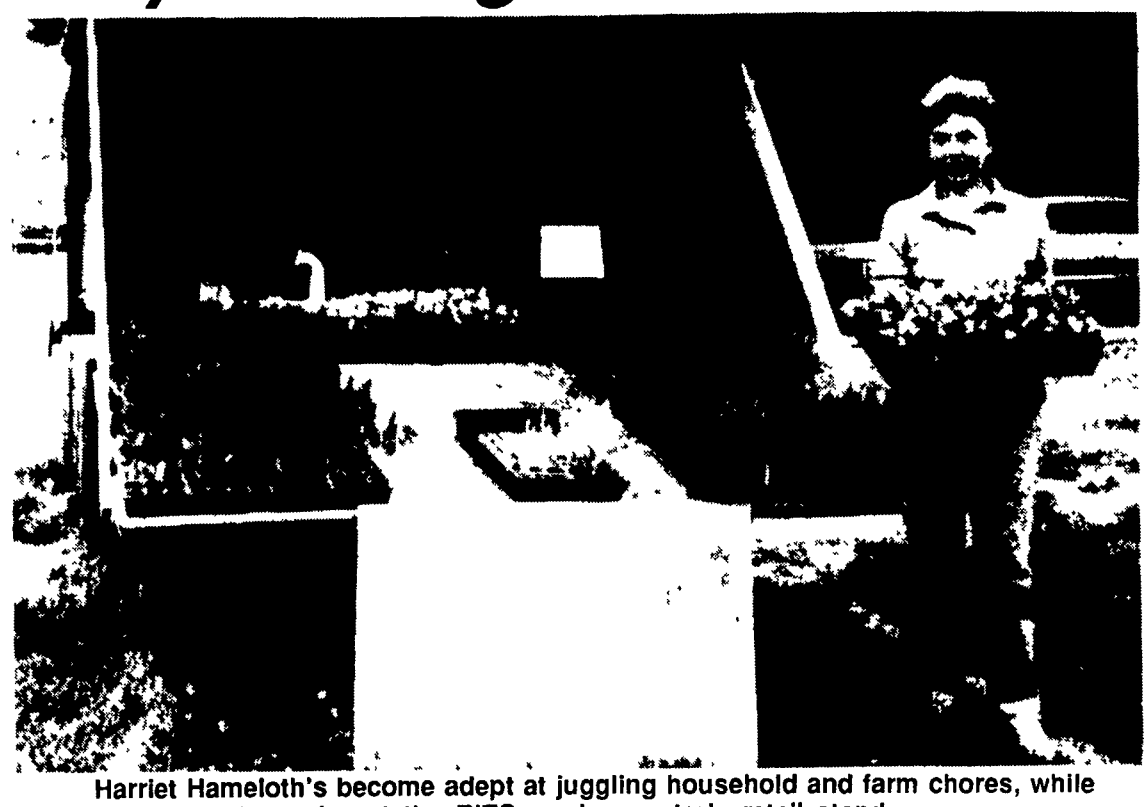
Owner of this 36-acre garden and farming facility is the Rehabilitation and Training Center of York, a center for job skills training for mentally and. physically disabled individuals. The garden center's horticulture training program is a recent addition to industrial-oriented job skills taught disabled clients at the downtown York center, formerly the Sheltered Workshop.

This is not just a garden center, however. Aim is to expose the clients to a variety of farm tasks and responsibilities. In addition to the small fruits, vegetables, and cut flowers under cultivation, a variety of animals round out the ag-chores training for clients at the rehabilitation skills farm.

A laying flock provides experience in gathering, grading and preparing the stand's popular brown egg supply. Turkeys and pigs need tended daily. And their Jersey cow, Angelina, provides milk for farm manager Gordon Hameloth's family, and added a heifer calf in May to the animals to be cared for.

Visionary behind York's RITC is David Halliwell, executive director who arrived in York 25 years ago to establish a training center for the disabled. Halliwell, in 1979, had established the nation's first such rehabilitative center, in Providence, Rhode Island.

Familiar with York's historic roots in agriculture, excellent soils and proximity to high-population metropolitan areas, Halliwell has promoted the policy of agricultural-oriented training for the disabled. Initial thoughts of either developing a program with a small planting of grapes in a portion of the county's Spring Valley Park, or purchasing property in the southern, ag-intense area of the country for a horticultural program, did not materialize.



Harriet Hameloth's become adept at juggling household and farm chores, while also supervising sales at the RITC garden center's retail stand.

Bob Gingerich, left, RITC public relations director, and center manager Gordon Hameloth, admire Jersey Lily, born in May and the latest addition to the animal population at the rehabilitation training facility.

Rows of cutting annuals for the retail stand stretch behind a pair of what Hameroth jokes are his "potato trees." Layers of soil and straw are periodically added to the potato stalks growing in the wire care; when plants mature, the wire is removed and the potatoes retrieved from their high-rise location.

Then, Halliwell's ambitions for an ag-related rehabilitative skills training for area clients got "wings" in 1983. It came in the form of the donation of the 36-acre farm from businessman Burt Holleran, owner of the Meadowbrook Inn, and a supporter of the program and philosphy of the rehabilitation center.

Corn was planted the first year on the rich Chesterfield Silt Loam soil, which had laid idle for ten years. And, conservation measures were begun, through Soil Conservation Service engineering and the donated assistance of the Robert Kinsley construction firm.

"The next year, we planted corn, and blueberries in the wrong place," chuckles Halliwell, reviewing joys, disappointments and adaptations of plans as the programs began taking shape.

Rehabilitative training in the agricultural field is not widespread, and improvisation is sometimes necessary. Program direction is toward roadside marketing, a proven method for generating cash flow from small acreages.

In addition to the obvious purpose of teaching clients marketable job skills in the ag field, a primary goal is that the garden center become more self-sufficient Funding of the rehabilitative training is generated through producers of the center, grants and independent promotional fundraising, and limited government funding for disabled clients in the regular rehabilitative program.

Daily guidance for the current three clients involved in the training program comes from farm manager Gordon Hameloth, whose ready smile, easy-going outlook and deep faith combine ideally with his responsibilities.

Hameloth, his wife Harriet, sons Steve, 16, Kenny, 13, and year-old foster son Brandon live on and manage the RITC farm. A former dairyman from Nebraska and Wisconsin, Hameloth previously worked with the Teen Challenge and Milton Hershey farms. The Hameloth's background and optimistic, positive outlook on life in general, combined with an obvious love of farming, provide natural leadership, along with caring friendship, to the three clients currently in training.

Two of the clients, Sam and John, have some farming background and work eagerly at the schedule Hameloth sets up for the day. Animals are fed, watered, bedded. Eggs are gathered from the layers, and then carefully graded and packed by Mary, who previously had no agriculture experience, for sale at the roadside stand.

"It takes a little time to get to know the clients and their capabilities," acknowledges Hameloth. "They're very trustworthy and cautious, and very safe in their working range. And I've found them to be good about cleaning up their tools and putting things back in place when they've finished their jobs."

"Handicapped people carry their handicap on the outside. The rest of us carry ours on the inside," smiles Hameloth as he sums up his philosophy of the program.

As on any farm, training chores vary with the cropwork demand. Mulching of cantaloupes or ber-

(Turn to Page B4)

Sam and John, who both have agriculture backgrounds, put down mulch between the cantaloupe rows.

Homestead Notes

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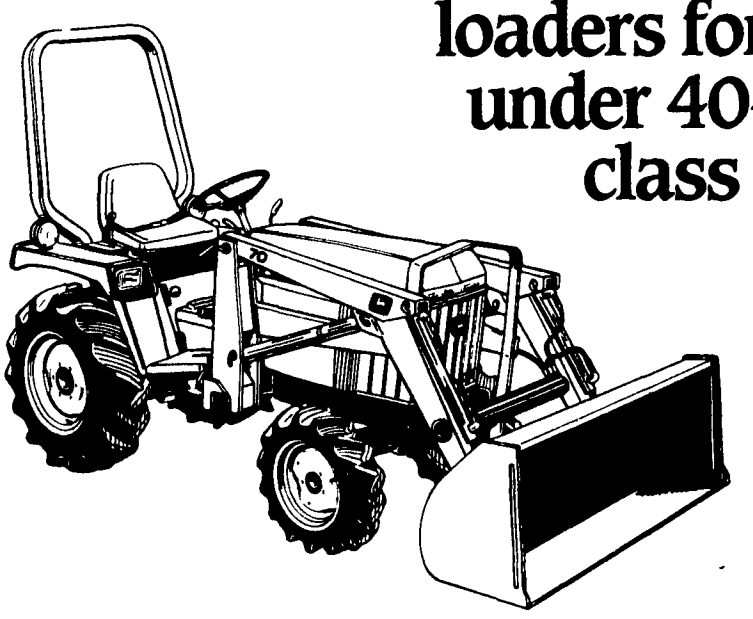

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Handicapped

(Continued from Page B2)

ries, helping with sweet corn harvest, watering the remaining plants in the greenhouse, and planting of seedlings offer a variety of job skills training.

The 25-foot-square greenhouse was refilled to capacity three times through the spring, as customers bought market packs of vegetable and flower seedlings. Plants were started by Hameloth in the basement of the farm's home, then transplanted and moved into the poly-covered growing structure.

But not all seedlings were sold. Neat rows of vegetables and cut flowers for roadside stand sales fill the tilled soil around the buildings. Hameloth's own personal love of plants, especially flowers, has meshed well with the retail-market orientation of the program.

Handling customer sales at the stand has kept Harriet Hameloth busy through most of the spring.

"From Mother's Day to Memorial Day, I don't think we had a complete meal together as a family," she relates. "But I've enjoyed it, especially answering our customer's questions about the plants."

Since Hameloth took the RITC farm position in September, this first growing season has been a learning one. He's looking toward a fall pumpkin crop that will bring youngsters and their parents to the RITC center to select Jack-O-Lantern material. Plans to get greenhouse seedlings for spring 1989 started soon after Christmas are already in formulation.

Long-term plans for the garden center are designed to enhance cash flow year round. A larger, 25 by 100-feet, greenhouse would allow expansion of market packs of flower and vegetable seedlings for the roadside market demand, and increased job skills practice for the clients. Fresh produce marketed to and featured by area restaurants would help promote the program.

Ornamental and Christmas trees, expanded plantings of strawberries, raspberries and blueberries, and more fruit trees are under consideration. Greenhouse-grown tomatoes are still another possibility.

Also on the "wish list" is a permanent building to use for training woodworking skills. Potential wood-based products include apple packing boxes and birdfeeders.

One woodworking project already roughed out in plans by Hameloth is the addition of raised-bed planting boxes. The raised bed planters will be used by another group of clients beginning to enjoy the RITC garden center.

About once weekly, as many as 17 elderly disabled arrive at the farm. Many have some gardening background and enjoy being out among the plants and animals. For those confined to wheelchares, Hameloth's planned raised beds would allow actual work with plants.

Many mentally, physically and elderly disabled, visiting children's groups, and customers have found their particular needs served at the RITC's Mundis Mills facility. Still, Halliwell is sometimes questioned about value of a center for training ag-related skills in a heavily-industrialized area.

"I was challenged that there was no place for clients to work after being trained here," he notes. Skepticism sent him on statistical research of Labor Department records which reveals that 6,100 are involved in horticulture-nursery-greenhouse type employment with 67 entry-level occupations in that related field.

An example of the possibilities available to rehabilitation trainees, is a Philadelphia-area program which has placed 72 clients in golf-course work.

Approximately ten percent of the country's population lives with a disability, according to RITC's executive director. Mentally retarded disabled make up about one-third of that percentage, or about three-percent. In York County alone, Halliwell adds, that equates to a potential of over 10,000 individuals, many of whom are of working age, and who could be assisted by vocational training. Related agencies in the area, when annual client statistics are combined, aren't quite reaching half. Many of those, says Halliwell, deal with clients only an hour or two a week, and not full workweeks of training hours.

Since rehabilitative training monies are not generally geared toward ag-related fields, garden center funding is an ongoing concern. RITC's public relations director, Bob Gingerich, has created a few garden-center fund-raising events out of the usual realm. Adopt-a-turkey and adopt-a-pig drives, plus a recent Cowchipmania, generated both contributions and media interest in the RITC garden center.

Performance in Cowchipmania, also known in some parts of the country as Bossy Bingo, was the sole responsibility of the Hameloth's Jersey cow, Angelina. Contributors picked playing squares in a grid of blocks laid out in a pasture area; blocks where Angelina dropped "cowchips" were winners of cash prizes.

Junior League of York is involved in the next upcoming "special event," a Designer Scarecrow contest. Custom-created scarecrows, in several categories, will be sold as Halloween decorations after their display at the garden center.

Community members often assist with contributions of time and materials, as well. Lumber, wire, fence, mulching products, even stable manure for enriching the soils, have been put to use by Hameroth.

As the center rounds out programs and products, and the facility becomes more well-known in the community, Halliwell hopes enthusiasm and support for such training will grow as well.

"People in positions of policysetting must be long-sighted," insists Halliwell. "We must recognize the balance of agriculture and industry; if we don't, then this area will lose. Maybe it takes the handicapped to show the way."

Quilters' Guild Meets

LANCASTER (Lancaster) — The Red Rose Quilters Guild of Lancaster County, meets July 12, at 7:30 p.m. at the Holy Spirit Lutheran Church, 3131 Columbia Avenue, Lancaster. The July meeting will feature "Show'n Tell" quilts old and new made in any star pattern. There will be book reviews on recently published books about star designs. Also we'll be breaking up into small groups, where members can work on quilting projects they have brought to the meeting.

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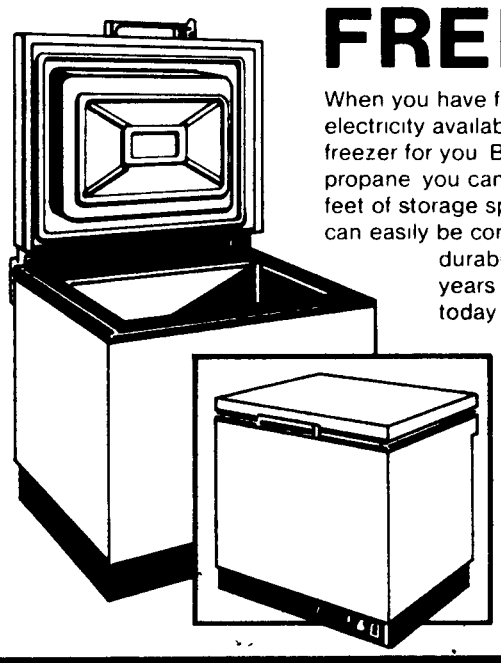

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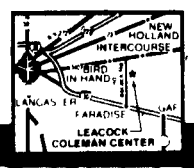

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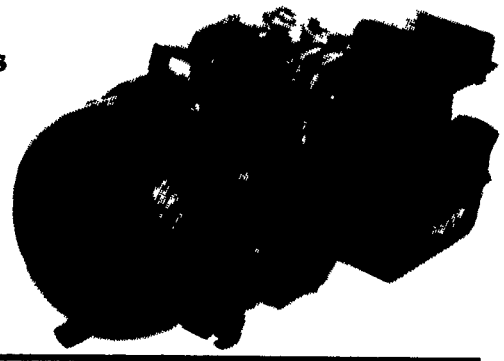

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New York Beef Cookoff For Beef Producers

ROME (N.Y.) — Individuals in the business of raising beef are usually excluded from entering state and national beef cookoffs. However, the Beef Cookoff scheduled for the 1988 New York State Fair is the exception.

"The people who raise beef have some of the best kept secrets in the business," said Jean Shwartz coordinator of the event. "What better way to get them to share their treasured recipes than to have a cookoff where only they can enter." This year's cookoff is not open to the general public. It's just for people in the beef business.

The event is scheduled for Wednesday, August 31, in Miller Court at the State Fairgrounds, Syracuse.

The first place entry will receive $100, second place $75 and third place $50.

Here is a brief summary of the rules:

All cuts of beef are acceptable except organ meats (heart, liver, kidneys etc.). Each recipe must contain at least one pound of beef and not more than 5 pounds. Each serving is required to have three ounces of beef exclusively. Combinations with other meats are not allowed.

It must be cooked entirely on the outdoor charcoal grill (provided). The total preparation time may not exceed four hours. Side dishes can be included. Each contestant must do his or her own cooking, and is responsible for furnishing all cooking utensils and cookware needed. One assistant is allowed to help with the table preparations and to hand out recipes. Professional chefs are prohibited from entering. Each recipe will be judged on taste, ease of preparation and practicality, originality and appearance.

This is an opportunity for beef producers to show what they can do with a charcoal grill and beef. To enter, send three copies of the recipe along with your name address and phone number to:

Jean Shwartz, Box 117, Earlville, NY 13332.

The New York State Fair Beef Cookoff is sponsored by The New York Cattlewomen and The New York Beef Industry Council in association with The New York State Fair. Entry deadline is July 30th.

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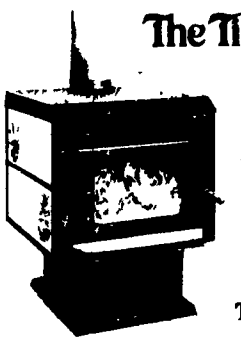

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Robert Haines, PA

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Ken Hoffman

Dear Golden Pride

My husband, Lloyd, was one of the test cases for the newest product from Golden Pride, Bee III In March, he had a physical and had his cholesterol checked It was 230 So our Director gave us a bottle of Bee III to test Lloyd started them on March 13th Then we had him re-tested in April to get the results back by the Kick-off Meeting on the 14th In 3 weeks, it dropped to 214 They did not take his triglycerides We are pleased with the results and I am sure it is lower by now

Pat Burnett

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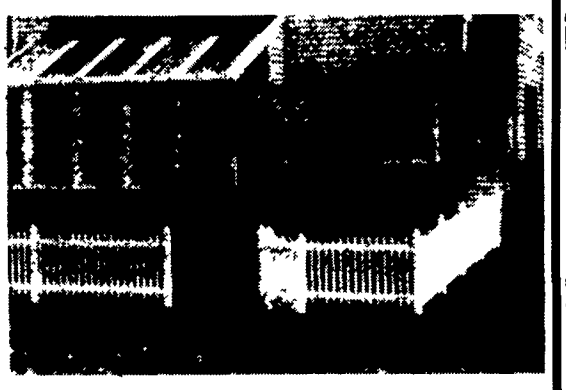

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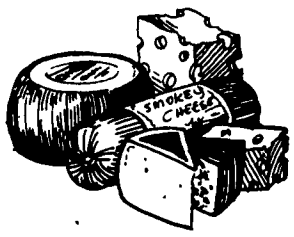
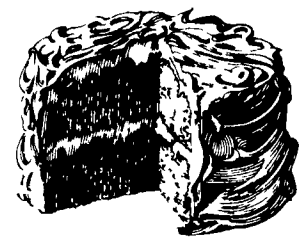


Home On The Range



Vegetables With A New Crunch

Today, more than ever before, vegetables are recognized for their importance in supplying major nutrients, particularly vitamins A and C, as well as fiber. For top nutrition, enjoy raw vegetables with or without a dip.

If you desire a more filling meal using vegetables, try them in combination with cheese and a few seasonings. There are many vegetable combinations that make satisfying main dishes.

ROASTED CORN IN FOIL

Husk corn. Brush with melted butter and sprinkle with salt and pepper. Wrap each ear of corn in heavy-duty aluminum foil. Roast on a hot grill for 20 to 40 minutes. Turn about every 10 minutes.

Delores Sensenig
New Oxford

BROILED CORN ON COB

Turn husks back without tearing them off the cob. Remove the silk, dip corn in cold water and replace the husks. Place on the grill. Turn often until they are heated thoroughly. Serve with melted butter and salt.

Delores Sensenigh
New Oxford

THREE BEAN SALAD

1 pint green beans
1 pint yellow beans
½ pint kidney beans
½ cup vinegar
1 large onion
1 green pepper
½ cup salad oil
¾ cup sugar
Salt and pepper to taste

Cook green and yellow beans until fork tender. Set aside. Boil sugar and vinegar. Cool. Add oil, salt and pepper. Beat in blender until well blended. Drain all beans Mix the three different kinds of beans together. Add sliced green pepper and sliced onion to beans. Pour dressing over vegetables Marinate in refrigerator for 24 hours before serving.

Dorothy Witmer
Ephrata

MARINATED BROCCOLI

2 heads broccoli, cut into flowerets
1 cup oil
½ cup sugar
⅓ cup vinegar
1 tablespoon dill

Combine well and pour over broccoli and chill 6 hours.

Noreen Thompson
Brownstown

FRESH DAIRY SPINACH SALAD

Dressing:
½ cup dairy sour cream
1 tablespoon sugar
1 tablespoon horseradish
1 teaspoon dijon mustard
¼ teaspoon salt
3 tablespoons white wine vinegar
Salad:
7 cups fresh spinach, washed, torn
1½ cups cottage cheese
4 strips bacon, cooked until crisp, drained, crumbled
½ cup walnuts, chopped

Prepare dressing: Stir together sour cream, sugar, horseradish, mustard and salt; gradually blend in vinegar. Cover; chill.

Place spinach in salad bowl; top with cottage cheese, bacon and walnuts. Add dressing; toss lightly to coat spinach leaves. Serves 6 to 8.

Pa. Dairy Association

CHEESY GREEN PEPPERS

4 or 8 medium-sized green peppers
1 pound bulk pork sausage
¼ cup chopped onion
1 cup whole kernel corn
1 can (15-ounces) tomato sauce with tomato bits
⅛ teaspoon each salt, pepper
1 cup (4-ounces) shredded Cheddar cheese
1½ cups soft bread crumbs
2 teaspoons melted butter
4 slices (1-ounce each) Cheddar cheese

Cut off tops from 8 green peppers or cut 4 in half lengthwise; remove seeds and membrane. Parboil 5 minutes in boiling salted water Drain Brown sausage and onion in skillet; drain off excess fat. Add corn, 1 cup tomato sauce, salt and pepper Simmer until heated through, about 5 minutes Remove from heat, add shredded cheese Stir until cheese is melted Add 1 cup bread crumbs. Yield 4½ cups.

Preheat oven to 350 degrees Fill peppers with meat-corn mixture. Combine ½ cup bread crumbs and butter Top filled peppers with crumbs. Pour remaining tomato sauce in bottom of baking pan; arrange peppers. Bake 25 to 30 minutes or until heated thoroughly. Place half a cheese slice on each pepper. Return to oven until cheese melts.

Pick some peppers and fill them with corn kernels and pork sausage, using cheese to flavor and top this main dish.

COTTAGE CHEESE WITH VEGETABLES

16-ounces lowfat cottage cheese
½ cup carrots, shredded
1 teaspoon onion, very finely chopped
2 tablespoons green pepper, finely chopped
2 tablespoons celery, chopped
⅓ cucumber, chopped
2 radishes, sliced
½ teaspoon pepper
Salad greens, as desired

Mix all ingredients except salad greens together lightly. Serve on crisp salad greens. Or for variation serve as a dip for crackers.

Pa. Dairy Association

GARDEN PAELLA

1 bunch broccoli
1 head cauliflower

Cook broccoli and cauliflower until barely tender. In large skillet, saute 1 cup long grained rice in 2 tablespoons hot oil. Cook, stirring until opaque.
Add:
1 cup chopped onions
1½ cup shredded carrots

Saute 2 minutes.
Add:
1 teaspoon paprika
½ teaspoon salt
1 cup chicken broth
¼ teaspoon oregano
¼ teaspoon thyme

Simmer 10 minutes. Add broccoli, cauliflower, corn and chopped tomatoes. Simmer until heated throughly.

Vivian Plasterer
Newburg

HAM AND CAULIFLOWER AU GRATIN

1 head cauliflower
1 cup chipped cooked ham
2 cups white sauce
1 egg yolk
½ cup American cheese, grated

Cook cauliflower so it is a little underdone. Mix yolk of egg into white sauce. Add salt and pepper to taste.

In a greased casserole put a layer of cauliflower, a layer of white sauce, a layer of ham on top, a layer of white sauce. Cover with grated cheese. Bake 45 minutes to 1 hour.

Mildred Miller

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

July
16- Fruit Pies
23- Summertime Coolers (non-alcoholic)
30- Fruit Dishes

Featured Recipe

A world record was set Sunday, June 12 for the largest outdoor barbecue ever held in a single day. The record-breaking event was the Great Pork BarbeQlossal sponsored by the National Pork Producers Council (NPPC).

Over 35,000 people feasted on 26,000 pounds of pork prepared by amateur and professional barbecuers. The event attracted 115 teams from around the nation who vied for $21,000 in prize money The day's fare included specialties ranging from cajun cooking to haute cuisine.

One of the prize winning recipes sounds like a fun meat entree with which to experiment. Try it.

Pork Dippers
by Doris Ludwig
Rudyard, Montana

1 pound boneless pork loin roast
⅓ cup yellow cornmeal
3 tablespoons all-purpose flour
1 beaten egg
¼ cup milk
2 tablespoons vegetable oil
½ teaspoon salt
Cooking oil for deep frying

Cut pork into 3x½ x½ -inch sticks. Set aside. In a mixing bowl combine cornmeal, flour and salt. Combine egg, milk and oil; add to cornmeal mixture, stirring till combined. Dip pieces of pork into cornmeal batter. Deep fat fry a few at a time in hot oil (375 degrees) for 2 to 3 minutes or till pork is done and no pink remains. Serve with mustard sauce or BBQ sauce.

Makes 4 servings. Calories per serving 30[illegible].

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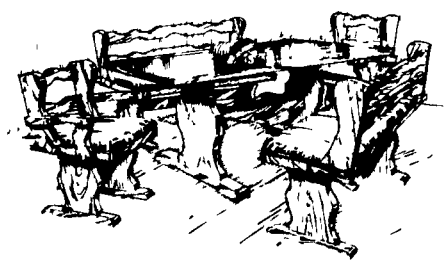

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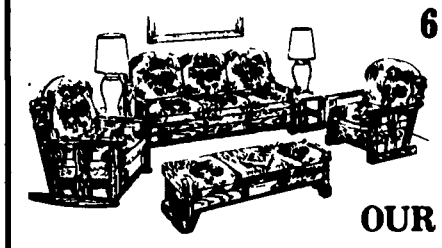

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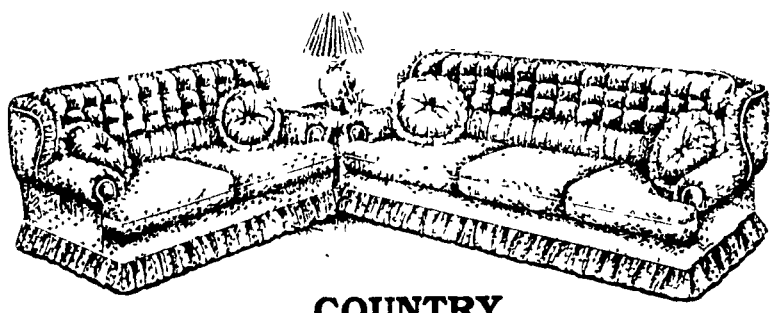

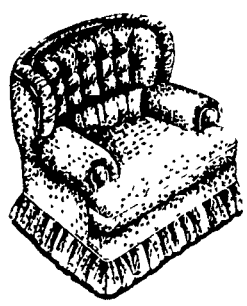

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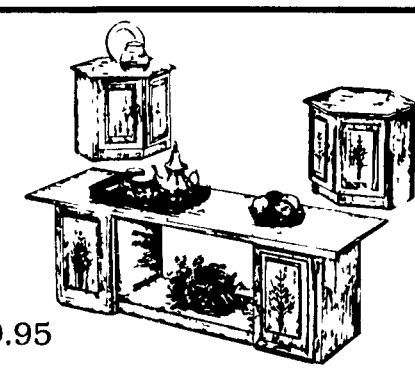

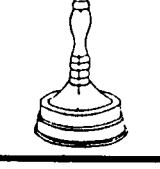

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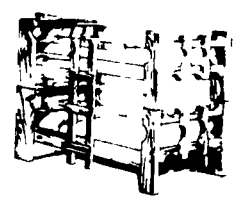

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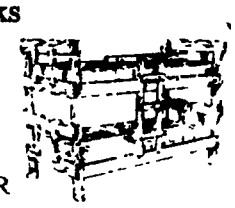

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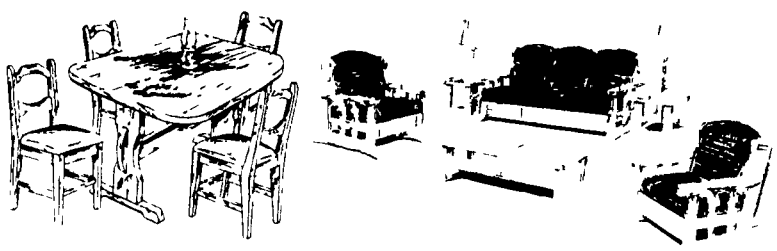

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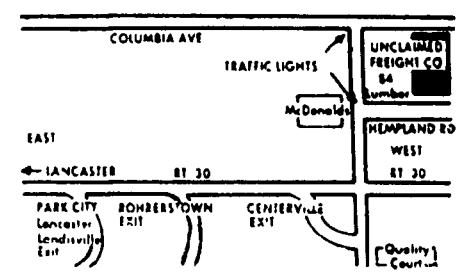

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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, PA 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Ruth Etta Nolt, Fleetwood, requests recipes for canning cream of mushroom soup that doesn't get tough or gummy.

QUESTION - Stephanie Sudal, Pine Island, N.Y., requests a recipe for onion bread that is made without yeast.

QUESTION - I.R. Luttrell, Holtwood, requests a recipe for a good Italian salad dressing similar to the Good Season Salad dressing mix.

QUESTION - Carol J. Shaeffer of Wrightsville, requests a recipe for shrimp with cashews similar to that sold by Bennihanna frozen dinners.

QUESTION - An anonymous reader from Somerville, Va., requests a recipe for making and canning pie filling using fresh blueberries. She also would like one using fresh peaches.

QUESTION - M. Horst, Narvon, would like to see recipes for casseroles that can be prepared ahead of time, frozen, and put straight in the oven.

QUESTION - Mrs. Florence Gruber would like a recipe for Mush cake or Mush pie. Her mother made it so that it could be eaten with sausage or as a cake.

QUESTION - V. Martin, Springfield requests a recipe for strawberry milk similar to that sold by dairies.

QUESTION - Alma Shirk, Mifflinburg, requests a recipe for goat's milk cheese.

QUESTION - Mrs. S. K. King, Gordonville, requests a recipe for making buttermilk and sour cream that tastes like the store-bought items.

QUESTION - V. M. Martin, Springfield, VA., would like recipes for all kinds of crackers.

QUESTION - Martha Hohmeier, Lincroft, N. J., requests a recipe for yeast buns that are light and fluffy such as pull-apart buns that may have nuts and raisins.

QUESTION - B. Nolt from Lititz requests a recipe for vanilla wafers.

ANSWER - A reader from Litton, Ohio, requested recipes using okra. Thanks to Emma Martin, Leola, for Okra Supreme and to a Lancaster reader for the following.

Fried Okra

12 pods of okra
1 cup flour
Salt and pepper to taste
¼ cup vegetable oil

Cut okra in slices. Roll in flour until covered Put in pan with hot vegetable oil. Cook until golden brown, stir to keep browning even. Salt and pepper to taste.

Okra Supreme

2 medium potatoes, diced
½ cup corn meal
½ cup chopped green peppers
⅓ cup chopped bacon
5 cups okra, sliced
2 tablespoons vegetable oil
Salt and pepper to taste.

Combine potatoes, okra, and corn meal. Mix well and cook in oil, in a large skillet until golden brown. Stir occasionally. Add remaining ingredients and stir well. Cover and cook 5 minutes or until bacon is cooked. Serve hot.

ANSWER - Sue Fair, of Millers, Md., requested recipes using basic ingredients. Thanks to a friend from Lewisburg who sent the following recipes.

Busy Day Cake

1⅔ cups all-purpose flour
1 cup sugar
½ teaspoon salt
2½ teaspoons baking powder
1 egg
⅓ cup shortening
⅔ cup milk
1 teaspoon vanilla

Mix all ingredients for 2½ minutes. Pour into greased 8x12-inch pan. Bake at 350 degrees for 30 to 40 minutes.

Topping:
3 tablespoons butter
4 tablespoons milk
⅔ cup brown sugar
½ cup shredded coconut

Mix together and spread topping on cake after it is baked, but still hot. Broil until it bubbles.

Sunshine Cake

6 tablespoons shortening
2 teaspoons lemon flavoring or vanilla
1 cup milk
6 egg yolks, beaten
1½ cups sugar
3 cups flour
6 teaspoons baking powder
½ teaspoon salt

Cream shortening, add sugar gradually with egg yolks. Alternately add sifted dry ingredients alternately with milk and flavoring. Pour into 9x13-inch pan. Bake at 350 degrees for 50 to 60 minutes.

Applesauce Cake

½ cup shortening
1½ cup sugar
2 eggs beaten
1½ cup applesauce, unsweetened
2½ cups all-purpose flour
½ teaspoon salt
1 teaspoon baking soda dissolved in 2 tablespoons hot water
1 teaspoon cinnamon
½ teaspoon cloves
1 cup raisins (optional)

Cream shortening, sugar and eggs. Add dry ingredients alternately with applesauce. Stir in raisins. Bake in loaf pan for 1 hour.

Baker's Choice Cupcakes

1⅔ cups all-purpose flour
1½ teaspoons baking powder
2 eggs well-beaten
1 teaspoon vanilla
½ cup shortening
1 cup sugar
½ cup milk

Cream shortening and sugar. Add eggs alternately with flour and milk. Beat in remaining ingredients. Fill paper cups two-thirds full. Bake at 350 degrees until finished.

ANSWER - Numerous readers sent in their favorite dairy recipes, which we did not have space to use previously. Thanks Mary Watkins, Clarksburg, Md., for sharing sherbet recipes that are made with a home freezer rather than an ice cream freezer.

Lime Sherbet

Soak 1 tablespoon gelatin in 2 tablespoons water.
Boil together for 10 minutes:
¾ cup sugar
1½ cups water
Dissolve soaked gelatin in the hot syrup and cool.
Add:
¼ cup fresh lime juice
⅓ cup orange juice
2 tablespoons lemon juice
⅛ teaspoon green coloring
⅛ teaspoon salt

Pour mixture into ice cube tray. Place in freezer. Freeze to mushy consistency. Remove to a bowl and add 2 unbeaten egg whites. Whip together until light and fluffy. Return to freezer until sherbet is frozen.

Crunchy Ice Cream Pie

⅔ cup brown sugar
⅓ cup butter, softened
2 cups corn flakes
½ cup chopped nuts
½ cup coconut
1 quart vanilla ice cream, slightly softened

Beat sugar and butter until light and fluffy. Add corn flakes, nuts and coconut. Mix. Reserve ¼ cup of mixture for topping. Press mixture into a 9-inch pie pan. Chill. Spread ice cream evenly into crust. Sprinkle with reserved topping. Freeze until firm.

S. Swartzentruber
Oakland, Md.

(Turn to Page B9)

Vegetables

(Continued from Page B6)

BROCCOLI SALAD

1 head broccoli, chopped
4 chopped hard boiled eggs
1 cup chopped celery
½ cup chopped onion
¼ cup raisins
8 strips fried bacon

Mix together.

Combine for dressing:
1 cup mayonnaise
¼ cup sugar
2 tablespoons vinegar.

Pour dressing over broccoli mixture.

Linda Landis

ZUCCHINI BAKE

4 cups finely chopped zucchini, grated
¼ cup finely chopped onion
2 tablespoons parsley
½ tablespoon oregano
1½ cups biscuit mix
½ cup grated Parmesan cheese
½ teaspoon salt
Pinch of pepper and garlic salt
4 eggs
½ cup oil

Mix together and pour into a 11¾ x7½ -inch pan. Bake at 350 degrees for 30 minutes.

Rebecca Sonnen
Pa. Dairy Princess

BROCCOLI AND CAULIFLOWER SALAD

1 head broccoli, bite-sized pieces
1 head cauliflower, bite-sized pieces
1 small onion, chopped
⅓ cup bacon pieces
1 packet Italian Dressing mix
1 cup Cheddar cheese, grated

Combine the above ingredients together and let set until ready to serve.

Mix together:
1 cup salad dressing
⅓ cup sugar
1 tablespoon vinegar

When ready to serve, pour salad dressing mixture over dry ingredients and mix thoroughly.

Loretta J. Golden
Portage

VEGETABLE SALAD PARMESAN

3 pounds medium vegetable spaghetti
¼ cup chopped parsley
¼ cup olive oil
2 tablespoons butter
1 medium bunch broccoli, cut up
1 large carrot, cut into match sticks
¼ cup grated Parmesan cheese
½ teaspoon salt, optional
⅛ teaspoon pepper, optional

Cook vegetable spaghetti. Saute parsley in oil and butter. Set aside. In saucepan, cook broccoli and carrots. Drain. Combine vegetable spaghetti to this mixture and add parsley. Sprinkle with cheese, salt and pepper. Heat in pan or heat in greased casserole, for 30 minutes at 350 degrees.

Vivian Plasterer
Newburg

GOURMET POTATOES

6 medium potatoes
¼ cup butter
1½ cup sour cream
⅓ cup chopped onion
¼ teaspoon pepper
2 cups shredded cheddar cheese
1 teaspoon salt
2 tablespoons butter
Paprika

Cook potatoes in skins, peel and mash coarsely. Over low heat combine cheese and ¼ cup butter, stirring until almost melted Remove from heat and blend in sour cream, onion, salt and pepper. Fold in potatoes and put in 2-quart casserole. Dot with butter, sprinkle with paprika. Bake at 350 degrees for 30 minutes.

Minerva Nolt
Brownstown

On being a farm wife -And other hazards

Joyce Bupp

Trailing behind the sleek, white duck are a row of yellow ducklings.

Two Canada geese, dignified in their mottled body feathers and distinctive markings on their shapely heads, graze a little farther away. A third, neck stretched, eyes scanning the area, seems to be keeping an alert watch for danger.

And, from the center of a nearby flower border protrudes a rounded, bright-polka-dot-clad posterior, suggesting someone hard at work among the annuals.

Ah, ha. Gottcha! They're all plywood.

Never in my memory have so many folks been so enthusiastic about animals in their yards. Perhaps it's the urge to maintain a slender thread to the pastoral illusion of farming in areas where urbanization, zoning and simple neighborhood consideration prohibit the real thing.

Many of these fullsize reproductions are so realistic looking it's amazing.

Wooden sheep and lambs come clad in soft, wooly coats so lifelike you almost expect to hear loud baa's at any second. Seeing a tail swish at flies from the back-end-view-only of a Holstein cow reproduction I recently spied would have surprised me only a little.

And, then there's an acquaintance of my mother's who has one of those polka-dotted "fannies" in a flower bed, and has to resist an impulse to talk to it on every visit to the years.

As a lover of both folk art and animals, I find some of these beautifully-done, realistic-appearing creations absolutely fascinating. None of which, though, is likely to turn up ornamenting our yard.

We already have too much of the real thing. Whether that's a plus - or a minus - could consume endless debate.

Plywood ducks and geese would never stand on their heads in the water of the farmpond to nibble pondbottom plants. They'll not circle the meadow, honking with haunting cries. Their babies won't zip back and forth across the water playing tag, nor tug at your heartstrings when they disappear to the monster snapping turtle, which silently stalks them beneath the rippling surface.

On the other hand, neither will they sneak in the feed trough and leave behind a mess in the cattle's silage, nor give chase if you happen to get too chose to their children. They won't graze bald patches in the barley fields or perch on the front porch dining on bugs from the house plants summering there.

Nor do plywood species reproduce with abandon, as have our living lawn ornaments for this season. Bumper crops of kittens and chicks this year have evolved into rolling, playing, climbing, scratching, dusting, two and four-legged, ornamentals which moonlight as flowerbed destruction-derby teams.

Selectively culled and donated to friends were the chickens which attempted at every opportunity to be dairy barn ornaments. Those better-behaved hens which foraged through the lawn, nearby fields and the meadow were allowed to stay, along with their picturesque flocks of fluffy, baby chicks.

Quickly, the fluffy chicks grew from picturesque to pest. Where they prefer to ornament the lawn is between one of the red rambler rose bushes and an Enchantment lily, which had thrived until the poultry deemed it a dusting site. A hole where they alternately dust and groom their feathers every day is growing deeper, and will no doubt hold a small water supply for the nearby chrysanthemums should it up and rain one of these weeks.

The lawn ornament cows stir in me memories - some pretty recent - better left alone. I fully expect to see them suddenly spring to life from those innocent, grinning poses, kick their heels in the air and bust through the nearest fence. In their wake, they'll leave broken geraniums, a knocked down lawn-chair or two, cats taking cover in four directions, and an irate farmer in pursuit on a motorcycle.

And, - the final touch - manure piles would be scattered across the grass.

Now, that's a real, authentic, genuine, farm lawn ornament.

Jaylene Yoder glows as Mifflin County's new dairy princess.

Jaylene Yoder Crowned Mifflin County Princess

BY SANDY KING

BELLEVILLE (Mifflin) — A large crowd of about 130 people turned out to support the dairy princess program as seventeen-year-old Jaylene Yoder captured the Mifflin County Dairy Princess crown. The pageant was held May 28 at the St. Johns Lutheran Church in Belleville.

Jaylene is the daughter of J. Loren and Wanda Yoder, R.D.#2, Belleville, and will be a senior at Indian Valley High School. Her activities include co-captain of the cross country team, student council, treasurer of the 4-H dairy club, treasurer of her MYF youth group. She is a member of Locust Grove Mennonite Church. After graduation Jaylene plans to attend college to study agriculture and then return to the family farm.

Mifflin County alternate is Christine Glick, 17, of R.D.#3, Lewistown, daughter of Sherman and Kay Glick. At Lewistown Area High School Christine is in concert choir. Her other activities include president of the 4-H baby beef club, secretary of 4-H junior leaders, secretary of 4-H dairy club, dairy judging team, 4-H goat club, 4-H square dancing club. She is a member of the Allensville Presbyterian Church. Christine plans to attend college after graduation to become a veterinarian.

After the girls presented their skits, the outgoing Princess, Belinda Loht, crowned Jaylene 1988 Princess.

Serving as judged for the evening were Joyce Sankey from Clearfield County, James Harteis from Cambria County and Richard Pennay from Perry County. Chet Selfridge served as emcee for the evening. The evening's entertainment included a presentation of a single yellow carnation to former dairy princesses from Mifflin County, music by the "Cow Paddies" and two songs by Miss Tri-County, Allison Yoder. Jaylene's escort for the evening was Jarl Snyder and Christine's escort was Steve Esh.

Some of the upcoming events for the girls include building a giant sundae and a milk drinking contest, appearing at 4-H Youth Fair, Ag-Progress Days and at Farm-City Week.

Cook's Question Corner

(Continued from Page B8)

Strawberry Danish Dessert

1 quart water
½ cup clear jell
1 package unsweetened strawberry-flavored drink
1¼ cup sugar

Combine. Bring to a boil, stirring constantly. Cool. Add fruit.

Suetta High
Reinholds

Dairy Queen Ice Cream

Soak: 2 envelopes unflavored gelatin in ½ cup cold water. Heat 4 cups whole milk until hot but not boiling. Remove from heat.
Add:
gelatin
2 cups sugar
2 teaspoon vanilla
1 teaspoon salt
Cool and add:
3 cups cream.
Freeze five to six hours.

Alma Shirk
Mifflinburg

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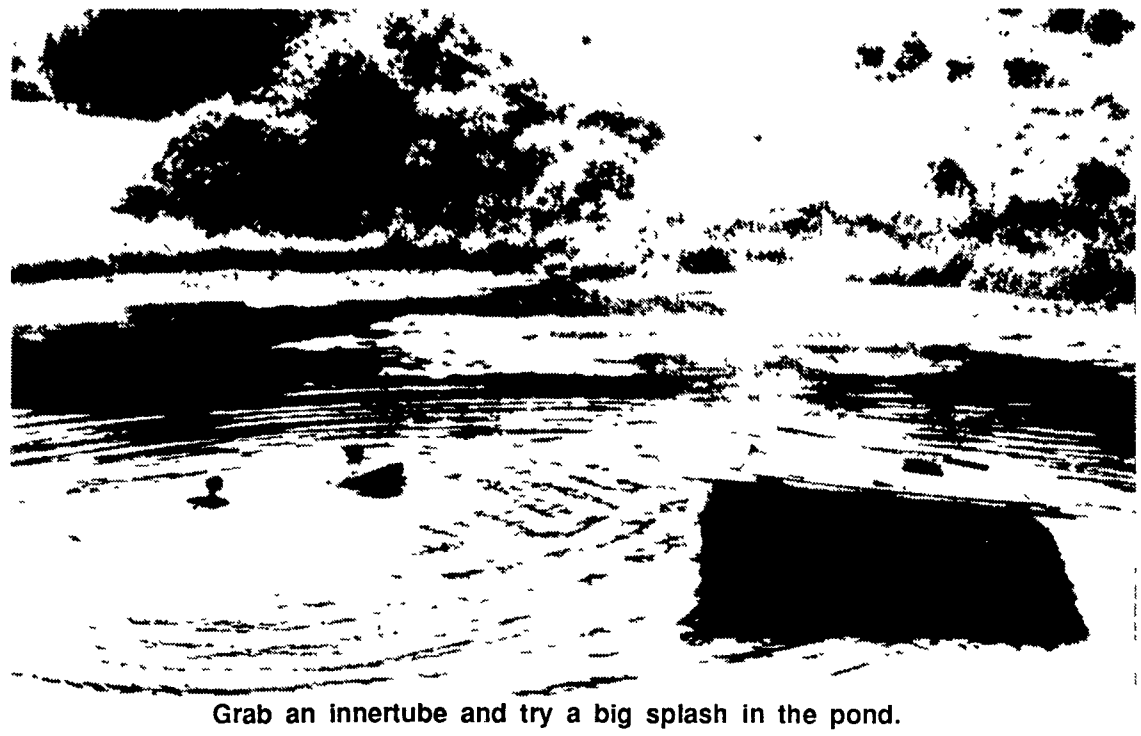
Kid's Korner

Here's Some Ideas If You're Looking For Some Summertime Fun

A monkey can't climb trees faster than ten-year-old Jon Hart scoots up a tree on his Manheim farm.

Fireworks and fountains are a magical combination at Longwood Gardens on special summer evenings. This year displays are planned for July 15, August 18, and September 2. Admission by advance tickets only

The displays are part of the annual "Festival of Fountains"— at Longwood Gardens, Kennet Square,. The 12-week celebration of flowers, water, and music combines magnificent pleasure gardens, powerful fountains, and stirring music each Tuesday, Thursday and Saturday evening. The three special Friday fireworks displays add to the summer festivities. For a copy of Longwood's schedule of events, which includes an order form for fireworks tickets (advance purchase necessary), send a stamped, long return envelope to Longwood Gardens, P.O. Box 501, Kennett Square, PA 19348.



Grab an innertube and try a big splash in the pond.

Yummy! Watermelon. No matter what your age, melons are great snack.

And what do these guys do after a long hot day? Read "Lancaster Farming" of course. The Heagy brothers say, "We each grab a section and we read it from beginning to end." From left: Wayne, 13; Allen, 17; and Marlin, 15.

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Lancaster Fashion Revue Winners Announced

LANCASTER — Thirty-three young seamtresses modeled an impressive array of fashions during the county's annual 4-H fashion revue held Wednesday evening at the Farm and Home Center. From that group, judges chose thirteen girls to represent the county at the regional fashion revue scheduled for July 12 at Cumberland Valley High School.

Doris Thomas, extension home economist, and Zoann Parker, 4-H agent, tallied the score sheets to announce the following winners:

Senior Winners

Heather Haldeman, Alissa Hoober, Andrea Hoober, Lara Bair, Kerry Freese, Melissa Wenger, Monica Shenk, and Amy Fyock.

Senior Alternates

Linda Heisey, Dena Smoker, Michelle Hess, and Andrea Stoltzfus.

Junior Winners

Suzanne Miller, Kim Rohrer, Eunice Clark, Kristy Bowman, and Amy Rohrer.

Junior Alternates

Mandy Riker, Sonya Burkholder, Amy Wanner, Becky Badger, Linda Boose and Lori Loeffler.

Lancaster County 4-H Fashion Revue Senior Winners will compete at the regional level on Tuesday, July 12. Front, from left: Lara Bair, Monica Shenk, Melissa Wenger. Back, from left: Amy Fyock, Andrea Hoober, Alissa Hoober, Kerry Freese and Heather Haldeman.

Junior winners from Lancaster County 4-H Fashion Revue included the following. Front, from left: Kristy Bowman and Kim Rohrer. Back, from left: Amy Rohrer, Suzanne Miller and Eunice Clark.

Senior alternates for the 4-H fashion revue included, from left: Linda Heisey, Dena Smoker, Michelle Hess, and Andrea Stoltzfus.

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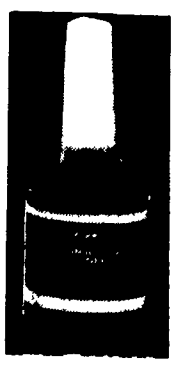

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The new higher-powered fertilizers often require more lime each application to maintain a neutral soil that tests to pH7

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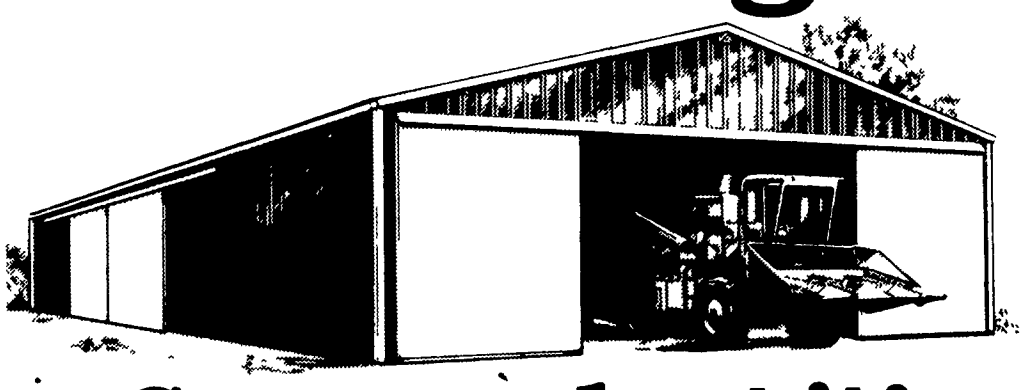

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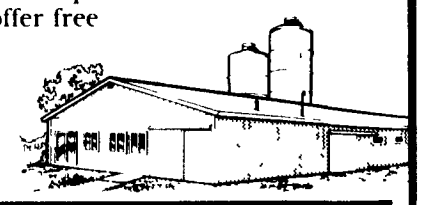

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BACK HOME

By Michelle S. Rodgers

Berks Extension

Home Fconomist

Praise for Trying

Excitedly, her little hands come together to clap while a toothy smile and wrinkled nose expresses her delight. Our ten month old is praising herself for being able to identify mommy's nose. I join in with the praise with my own clapping and an extended, "Yeah!" Times such as these moments are warm, wonderful glimpses of the steady growth and development of our child. And it has reinforced to me the importance of encouragement.

Whatever the age, when children are trying to do something new or to think through possible solutions to problems, they especially need some encouragement. Children should be praised for trying again and for finding new and different ways to do something or to solve a problem, even if the ways don't always work. Being able to think through several possibilities is a good problem solving skill.

When your child is trying a new skill that doesn't work, you can still turn it into a positive, encouraging situation. "Can you figure out why that didn't work?" or, "What else could you try?" go a long way to encourage further skill development and avoid frustration and anger.

When you encourage a child to solve a problem on their own or to learn a new skill, you are also attaining many other benefits. During this time, children are also learning to be patient with themselves and with others. They may realize the ability to be alert to other possibilities and to be a careful observer. Also, by realizing that there may be more than one solution, children become more open-minded.

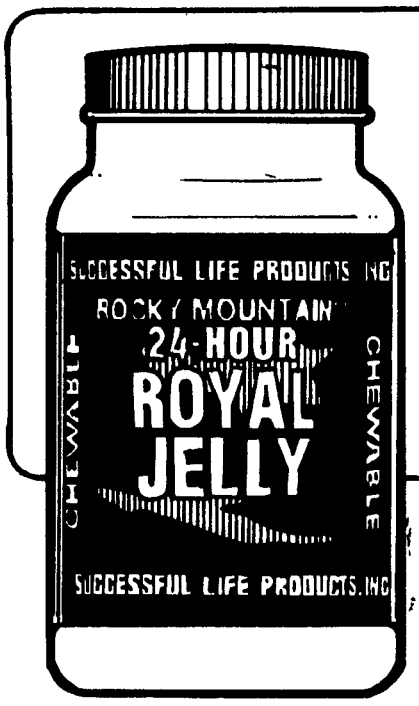
As a parent, the encouragement we provide may make the difference between learning a skill or tossing it off in frustration. There are many opportunities in life to provide encouragement. How about efforts to: use a spoon, try a new food, make a bed, jump into the pool, happily leave parents, create something on paper, sew a 4-H project, set the table, try a new recipe, learn to drive, play together happily, or finish an unpopular task. We only need to be aware of the many opportunities we have to offer praise and encouragement.

Encouragement may take the form of words of praise or exclamation. Body language may also convey support. A wink, smile, nod of the head, clapping, or warm laughter are all ways to bolster someones ego.

Unfortunately, our tendency is to focus on the negatives and what has been done incorrectly. Sometimes, especially as the weather is warm and tempers tend to rise easily, we would prefer to do it ourselves rather than encourage our child to try it.

These same encouragement principles are true for adults also. How about some words of encouragement for adult family members, co-workers and committee members? I'll never forget how important the encouragement of family and co-workers was for me to complete my master's degree.

Regardless of the age of the individual, efforts of encouragement will bring positive results whether in skill development or problem solving. So, for me, it's time to encourage our way to the next goal. This week we'll get excited when she can point to her own nose!



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Noel Johnson

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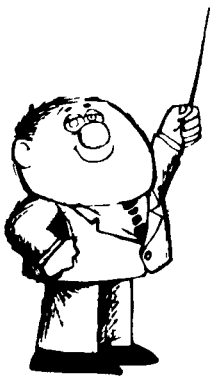

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Dairy Farmers Pack Their Bags For Summer Relief

(Continued from Page A1)

son Dave points out, "some of the family always needs to remain behind to take care of the 80 registered Holstein herd." In 1979, the family did travel to Indiana for four days for their eldest son's wedding. Friends carried on the farming duties. "But our operation wasn't as big back then," Kulp said. "We'd like to vacation together again, but for now we take separate vacations."

The boys joke that their dad, who has won awards for his crops, doesn't take a vacation when there is something to do. He retorts, "There's always something to do." But in recent years, the work hasn't stopped him from vacationing in both Hawaii and Bermuda. Unfortunately the Kulps' Hawaii vacation was cut short because Kulp's father died.

Ruth would like to return to Hawaii; Robert dreams of traveling west when they retire. When will they retire? "Next year," Ruth quips. The family laughs uproariously at the family joke.

Some farmers' ideas of vacationing is quite different from their spouses expectations. Dave Kulp likes to look at cows. His wife likes the shore. So while he lays on the sand, he daydreams of cows—red ones.

His younger brother, Dennis, forgets about cows while vacationing. He prefers the ocean and winter skiing. He admits that it isn't too difficult to take a break off the family farm since four adult members are involved in the farming operation. "If I want off, I just mark it on the calendar."

Dan and Grace Martin with their son David, his wife Robbin and five children, farm 168-acres, milk 80 Holsteins and operate a 50,000 broiler house.

Most of the vacationing for the Martins is done at Dan's Tioga County hunting camp. Dan's four children and 17 grandchildren vacation there for several days at a time. The adults shift back and forth between the cabin and the farm. It's a four hour drive between the two, but they claim it's worth it. Said son Dave, "The environment in the mountains is something you can't get just talking about it, but it's worth the drive."

Dan said, "Farmers should never get to the place where they feel no one else can do their work. Every farmer should be able to schedule a day off. It's important to have a break and enjoy family togetherness. You can't put a price tag on that."

The Martins also take day trips to places like Roadside America, Philadelphia Zoo, Strasburg Railroad, Herr's Potato Chip Factory, Landis Valley Museum, Hershey Chocolate World and Great Adventure.

Dan said, "Farmers appreciate a vacation more than others because they must work hard getting everything lined up while they're gone."

Dave strives to built his farming operation so that his fulltime hired man and his two parttime men can manage while Dave is gone. But as most farmers do while vacationing, Dave worries about whether or not everything is running smoothly on the farm. He admits that on rare occasions, "I completely relax and forget about everything." Suddenly he realizes that milking time is over and he feels guilty that he didn't even think about it.

Dave dreams of some day taking a leisurely vacation and not having any responsibilities back home to think about.

Meanwhile his wife Robbin discounts family vacations as real vacations. "It's a special time for the children and I like it because they like it," but Robbin, like many mothers of preschoolers, finds that packing and unpacking is sometimes more tiring than staying at home. For this reason, she and her husband take a few days alone twice a year. She said, "We live for our family but we need a break to keep things in perspective." Their times away are not necessarily vacations as much as a change of routine. Last year they attended a PFC conference; this year they plan to attend a computer conference in Indiana.

Three generations of the Kulp family live on and operate their Manheim dairy farm. Robert and Ruth Kulp didn't vacation for 16 years, but now, their grown sons can fill in when their parents vacation. Pictured from left: Robert, Ruth, Nathan, Dennis, Dave and Tyler.

Each year, Robert and Marian Greider, spend a couple of days at a hunting camp in Potter county. Greider said, "A day away, now and then, is refreshing." His 35-year-old son cares for his 140 cows on their 250-acre farm in Columbia. When his son was small, his brother and a hired person took care of the farm. Greider doesn't complain that farm work limits vacation time. He said, "Farming—it's a good life. It's satisfying."

Robert and Marian Greider of Columbia are the parents of Lancaster County Dairy Princess, Julie Greider. They take time off from their dairy farm to vacation in a family hunting cabin.

Family Offers Cow Sitting Services

BY LOU ANN GOOD

ELSTONVILLE (Lancaster) — When dairy farmers need a day or more off, Dervin Hart is the one to call. He and his wife Charlene offer cow sitting service for those nearby or far away.

Hart claims his "slow and easy touch" plus classical music have a calming effect upon the bovine creatures, which otherwise might miss their owners.

Hart began his cow sitting service about twelve years ago. He was between jobs when a relative asked him to care for his dairy while traveling for six-weeks. Hart recalls, "I took one look at the check and figured if I was worth that much to him, I could do it for other farmers also."

Today Hart charges a flat rate of $33.50 per milking for up to 50 cows and 35 cents per cow over that amount.

He said, "That includes doing all the necessary morning and evening work that goes with milking such as moving young stock." He does not tend other livestock. For any job that requires more than thirty miles round-trip, Hart adds an additional mileage charge, which is waived if he and his family can live-in the owner's home during the stay. Hart remarked that usually it costs the farmer less if he allows them to use the farmstead rather than pay mileage.

On the overnight stays, the Hart's seven children usually accompany their parents. Charlene said, "We take our own food and leave the house as we found it. It's like a mini-vacation for us."

The children are not allowed in the barn unless the cows are accustomed to children being nearby. "If the cows are only familiar with one person being in the barn, they get nervous. Hart said, "It only takes one milking for them to get used to me and then they'll remember me up to a year later."

Hart has some jobs that he maintains on a regular basis. Others are a one-time contract for one time to six weeks. "Most county dairy farmers have family members or friends who'll milk for them." But sometimes, that isn't feasible and then they call Dervin.

Many of the deals are done over the phone with no previous contact. "I prefer not to go ahead of time," Hart said. "I want the farmer to write every detail down. If they don't, we can run into trouble."

If he helps the farmer ahead of time, the farmer takes for granted that Hart knows everything and doesn't bother to write down any details. Hart contends that milking cows is basically the same regardless who owns the herd. "Sure, one farmer might sponge the udders and another use paper towels, but the basic thing is to make sure the cow is clean."

He said, "We've used about every system available, from bucket milkers to automatic take off. We've milked top producing and low producing herds. Some

(Turn to Page B15)

The Hart family at work on their own property. From left: Jon, 10; Philip, 7; Charlene, Sam, 12; Dervin, and Carla, 14.

Cow Sitting Services

(Continued from Page B14)

places are spotless, others not. We've gone as far as Chesapeake, Maryland and Lewisburg."

The Harts find some places more pleasant to work at than others. "It has nothing to do with the equipment. I can walk into a farm and tell how a farmer treats his cows. Some cows are jumpy and tense." Hart finds he can usually calm them by playing classical music and taking it slow and easy.

He prides himself that herds rarely drop in production while he is caring for them. If necessary, he treats a cow and does not hesitate to call a vet. He insists that farmers should always leave telephone numbers of a friend, the vet, the electrician, the milker system and where they can be reached.

"I try to do the best job I can." Hart said. "I like the contact with cows and still have the freedom of not being tied down seven days a week, year around."

When Hart isn't busy milking cows, he carries on other services out of his Charvin Farms. "My main job is balancing rations for feeding programs," he said. He is an independent dealer for American Livestock premixes

Hart also does custom bagging from May to November. Charlene fills in as secretary between caring for their children: Valerie, 20, Ed, 19, Carla, 14, Sam, 12; Jon, 10; Philip, 7, and Bonita, 5.

Buffalo Woman Wins Veal Contest

ROME (N.Y.) — Hyacinth Rizzo of Buffalo won $500 for her entry in the 1988 Favorite Veal Recipe Contest sponsored by The American Veal Association. Mrs. Rizzo is no stranger to recipe contests. The 80-year-old retired kindergarten teacher is also the author of a pasta cookbook. A to Ziti, now in it's third printing. Her Veal Scalloppine with Lime-Walnut Sauce placed second in the national recipe finals held at The Test Kitchens of The National Livestock and Meat Board in Chicago on May 4.

The top prize of $5,000 and a trip to the AVA convention in Columbus, Ohio went to Dianne Muyskins of Portland, Oregon. Her Warm Veal and Wild Rice Salad with Tarragon dressing was judged the Grand Prize winner by the panel of judges. Third place went to Tim Maness of Evergreen, Colorado for Brandied Peach Veal Chops. For his creation he won a prize of $300.

The three winning recipes plus four others are included in a four color brochure available soon from The New York Beef Industry Council. For a copy write to:

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The Favorite Veal Recipe Contest was funded by checkoff dollars.

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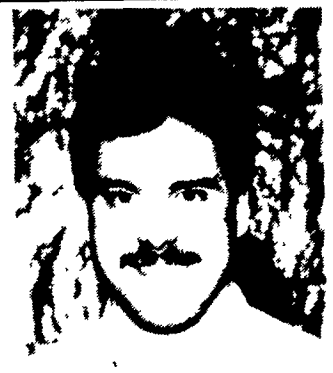
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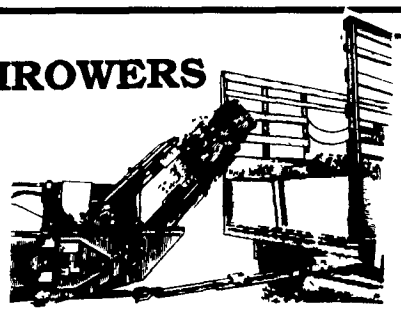

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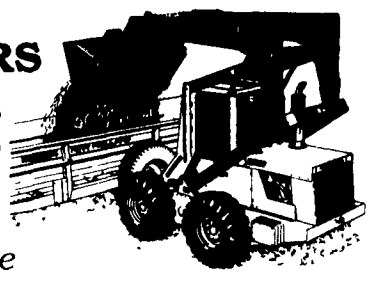

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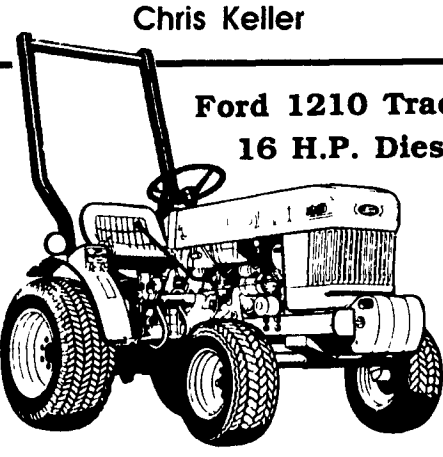

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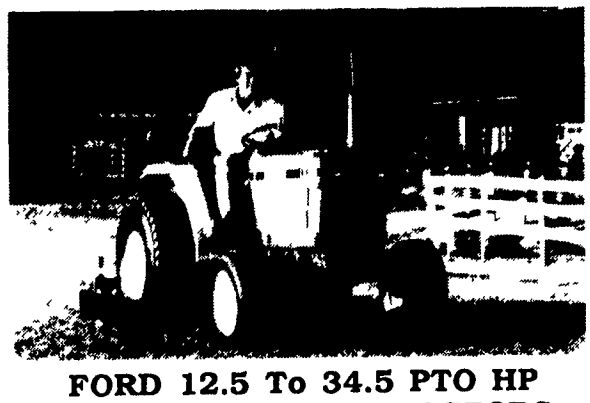

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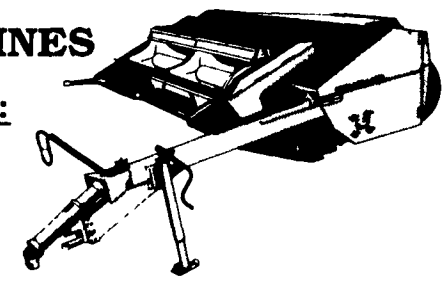

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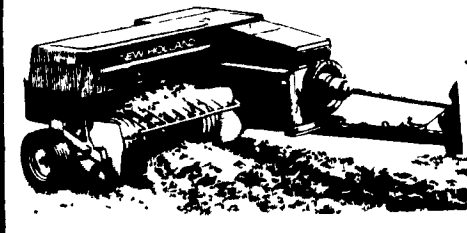

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Teen Entrepreneur Finances College Costs

BY MARJORIE KEEN
Chester Co. Correspondent

LINFIELD (Montgomery) — Maria Seber of Linfield is a step ahead of her peers. When the 17-year-old 4-Her enters Indiana University of Pennsylvania in the fall, she'll pay college expenses with money she has earned running her own business. Maria sells natural, undyed, handspun wool from her Wool-Lea Beare flock. She also sells wool-stuffed lambs and teddy bears.

Maria's parents, Ruth and Jack, raise dairy goats. When Maria turned eight, it was natural to follow her older brother, John, into the Che-Del-Be Dairy Goat 4-H Club. Most recently, she's served as club president.

In April, Maria was selected as a Keystone Winner in the state 4-H Dairy Foods category. As a Keystone Winner, she has the opportunity to continue to compete for trips and scholarships in the 4-H National Awards Program.

Maria has provided 4-H leadership in Chester County for several years. In addition to being the county's Blue Form Winner this year, she was a delegate to the Pennsylvania 4-H Capital Days Program.

How did Maria come to be the only member of her family to raise sheep? "In 1982 I started out by trading with a 4-H leader -- a baby goat for a sheep," she said. "Then I got three (more sheep) from a 4-H member who had dairy goats. I traded her a goat for them. The others I've bought or they've been my offspring."

Maria told of having a flock of 11 sheep at one time. "The first year I had five babies born to two mothers -- twins and triplets."

The lambs grow quickly, Maria explained. "I usually have a lot of ram lambs which I sell for meat. I let them out to graze in part of the pasture and they eat the fallen apples and the grass. They fatten really nice to butcher."

When she leaves for college, Maria plans to cut her flock of sheep to two or three. Her sister, Jennifer, a high school junior, will take care of them while she's gone. Jennifer is also a member of the Che-Del-Be Dairy Goat 4-H Club.

"My sister and brother and I have all gone through 4-H with dairy goats and we did rabbits for awhile and chickens," Maria recalled. "I sold rabbits to get chickens and, chickens to get sheep." Maria's sheep and wool project has been termed a self-determined 4-H project.

Maria learned to spin four years ago. "The leader, who sold me the first sheep, showed me how to spin in exchange for spinning some wool for him. He wanted it more bumpy as a beginning spinner would spin it. I borrowed a wheel from him. Then for Christmas my parents got me this one," she pointed to the modern wheel manufactured in Holland. "It's much easier to work and it's more consistent. I got to the point where I was spinning so evenly that I just started sitting here watching movies on TV."

Maria Seber sells both handspun woolen yarn and all-wool toys.

"I was supposed to be allergic to wool," Maria said, "but this handspun wool doesn't bother me. After inquiring about it, I discovered that commercially-processed wool is stuck in vats of sulfuric acid to dissolve bits of vegetation. My wool is just washed with soap and water."

Maria prefers to shear her own sheep. She purchases outstanding fleeces to augment those from her flock, her eyes and fingers assisting her choice of soft Romney wool or coarser Karakul. She selects a range of natural shades from creamy white to coal-black.

The young businesswoman takes her fleeces to Oley to be cleaned and carded. The wool comes back to her in narrow rovings or wider batts, ready for spinning or for stuffing. She displayed a wool-filled quilt she's been making with her mother's help.

Maria sells her hand spun yarn at craft fairs. Eventually, she'd like to start a mail order business. "But I won't have time for that until after college," she said.

"I'm looking for someone to knit or crochet more sweaters for me to sell," Maria stated. She also takes orders for all-wool toys designed by another craftsperson. "I'm looking for more knitters or crocheters who could adapt their own patterns (for wooly bears and sheep)."

Maria has demonstarted spinning at a historical society meeting and at the "We the People" celebration. Since her 4-H/Toastmasters International speech training, she now finds that groups are willing to pay her to talk while she spins. She likes to dress the part of a young girl in bygone times, assigned to the spinning wheel to keep her out of trouble.

Despite hre deep involvement with sheep and wool, the busy young woman still owns three high-producing dairy goats She picked up her kid that will be shipped to Canada and pointed out others that are to go to Venezuela.

And, of course, as a Keystone 4-H Dairy Foods Winner, Maria is also knowledgeable about food. She participated in a 4-H cake decorating project and has worked since March at a restaurant in nearby Collegeville. The restaurant management recently named her smorgasbord supervisor.

An honors graduate of St. Piux X High School, Pottstown, hard-working Maria Seber has not let any grass grow under her feet.

Maria with her four-month-old lamb, Shadow.

Dairy Shorts

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Separation in yogurt is normal. Just stir the liquid which rises to the top back into the thick mixture, gently, and enjoy it. If you are using yogurt for cooking, it may be stabilized by adding a bit of flour or cornstarch. Keep the heat low and the cooking time short.

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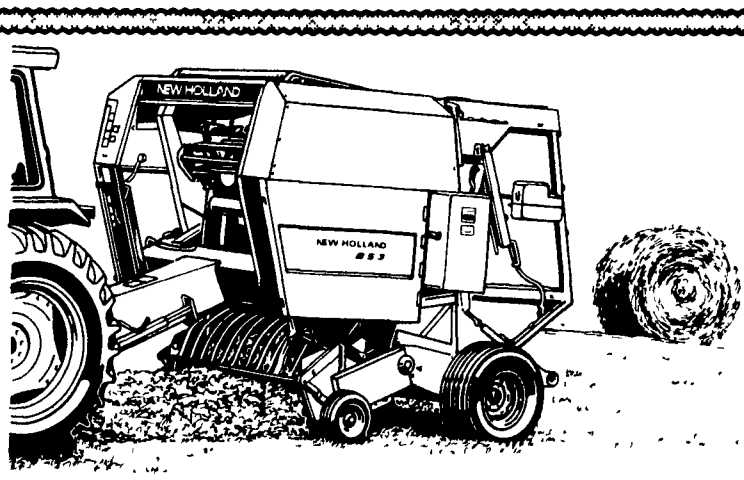

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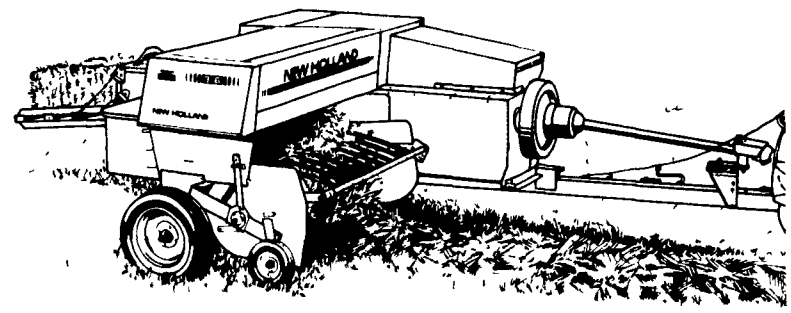

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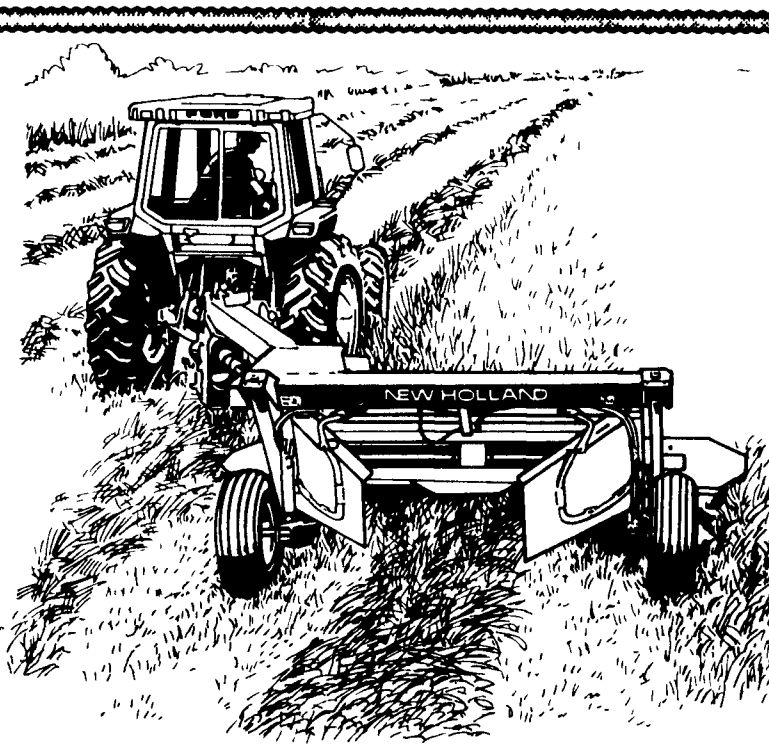

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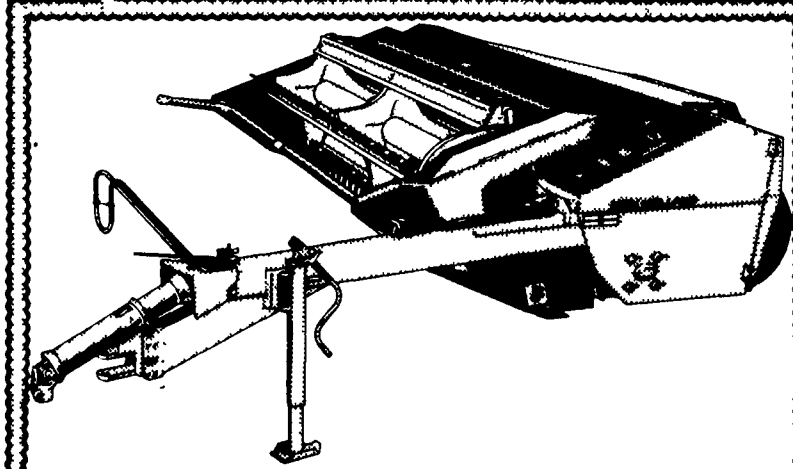

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Angela Hoover: A Princess You Can Count On

BY LOU ANN GOOD

LEBANON — Most dairy princesses share dairy promotion activites with county alternates. Not Angela Hoover, the Lebanon County Dairy Princess. "If I don't do it, nobody does it," she said.

Countians need not worry. Angela plans to do a good job promoting dairy products. "Living on a farm teaches responsibility," she explained. To effectively handle the promotional duties that come with being dairy princess, Angela keeps her schedule flexible. That means no regular job such as many of her peers hold. "I babysit and do some cleaning jobs, because that allows me flexibility."

In addition to school and fair promotions, Angela is searching for ways to reach non-farm groups. "They're the ones who really need to hear about dairy nutrition," she said.

Telling others about the importance of including dairy products in their diet is only part of Angela's strategy. She said, "I want to be a good role model and set a good example".

Angela helps her parents, Dale and Charlottee Hoover, on their 96-acre Lebanon dairy farm. Her favorite chore is milking their 70 cows. Her least favorite job is feeding the calves, because "sometimes a rat jumps out of the feed." Her brother Matthew, 14; and Alicia, 9, help share the barn duties.

Angela is active in 4-H and secretary of her local dairy club. A high school senior pursuing college, Angela packs her schedule by participating in varsity softball, chorus, chorale and in writing for the school Literary magazine.

She plans to earn a degree in elementary education at a Christian college. "I'd like to teach youth in an inner city setting," she said. "I think the greatest value teens can have is knowing that they are important and worth something." That belief she says, "comes from parents and from a relationship with Christ who gives love and acceptance."

Last week, Angela attended Creation, a Christian youth gathering termed the largest of its kind in the world. She said, "It was so neat to see of 40,000 people worshipping and praising God and to know the performers and artists of contemporary Christain music are not fake or phoney—that they want to glor. 1."

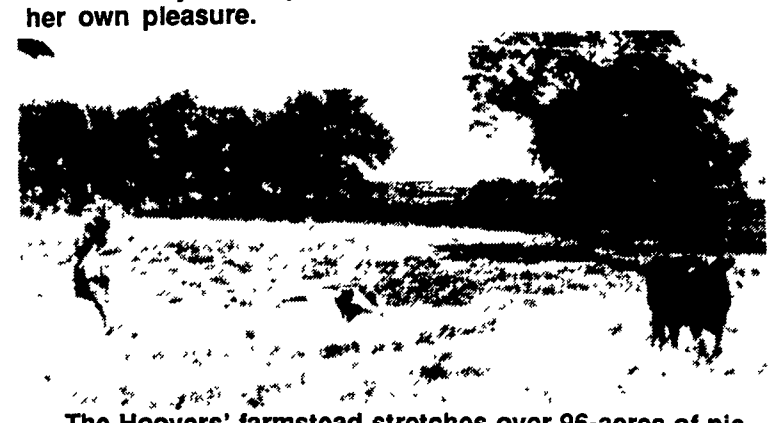
The n-side of the gathering was waiting in lines for 1½ -hours to get a shower. And it was hot. Too much sun caused Angela's lips to swell.

Angela said, "In fifth grade I wanted to be a perfectionist. It doesn't work—I became frustrated." Now, she contends, "It's good to try to do your best, but realize you can't do everything perfect."

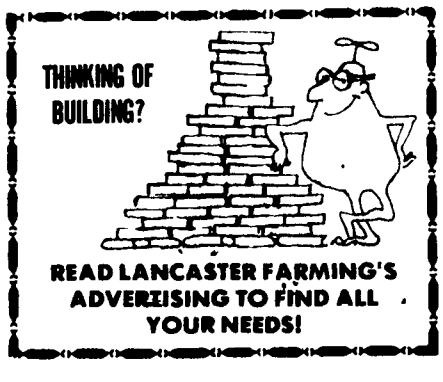
It's a philosophy she's counting on to make her reign a successful one.

Family members question Angela about her schedule. Parents, Dale and Charlotte Hoover stand on porch while Alica, 9; and Matthew, 14; find a comfortable position.

After five years of piano lessons, Angela now plays for her own pleasure.



The Hoovers' farmstead stretches over 96-acres of picturesque Lebanon countryside.



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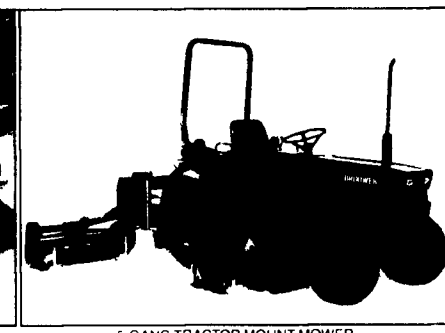
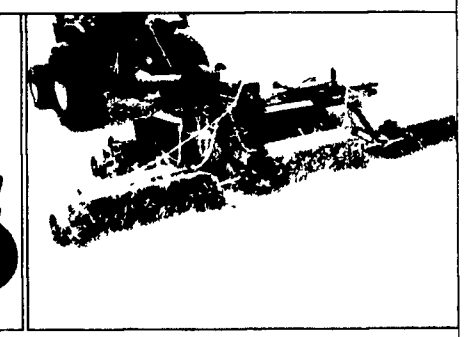
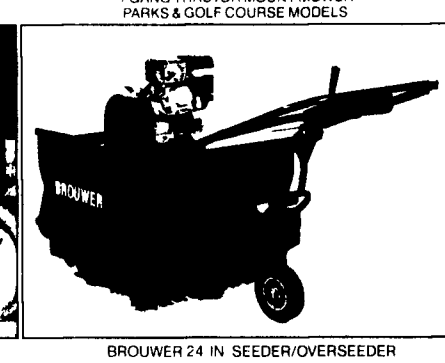


5 GANG TRACTOR MOUNT MOWER PARKS & GOLF COURSE MODELS



5 GANG VERTI CUT VERTICAL MOWER

LARGE CAPACITY BROUWER VAC



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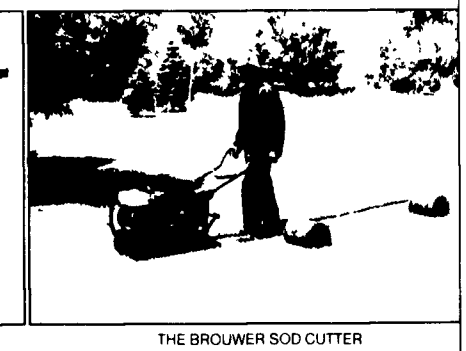

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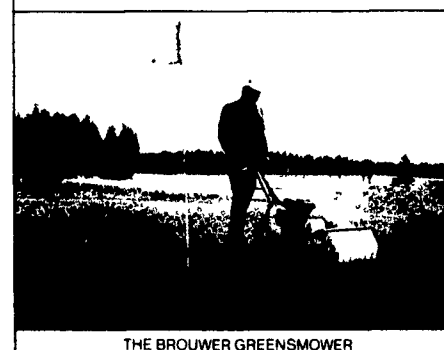

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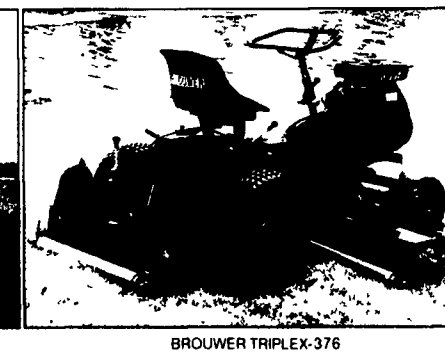

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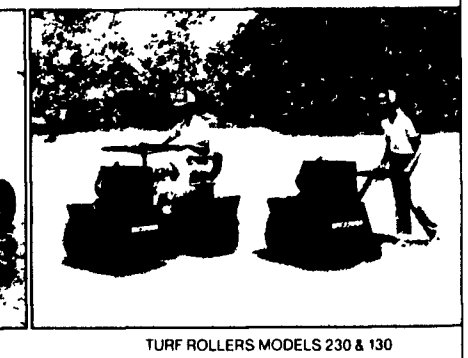

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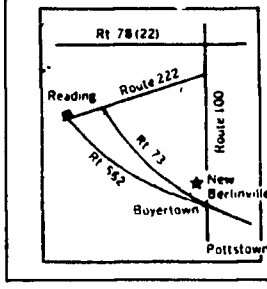

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Ida's Notebook

Ida Risser

Family history has always been of interest to me. Maybe I got this concern for ancestors from listening to my parents talk. They knew who their relatives were and where they lived and they visited them.

My grandfather Landis was one of 15 children and so my mother had many first cousins. My father knew his ancestors and could name all of his great, great-grandparents back to Hans Adam Shreiner who came to America in 1729.

One does not always find what one likes when researching a family tree. Considering all of the hundreds of names, it is no wonder that a few were "black sheep". When my children delve into genealogy, they'll find lots of teachers and professional people in their father's family. My folks were mostly farmers but that doest mean they had no education — they did.

A while ago a lady from Texas spent years studying the history of Hans Michael Weidler. He was the grandfather of the man who built the 1813 brick farmhouse in which I live. Despite my parents interest in relatives, I do not think that they knew of any close relationship with this family.

To make a long story shorter, I have discovered that my three times great grandmother not only was a Weidler but she was the granddaughter of the original settler—Hans Michael. This makes me the ninth generation to live on this farm on the Conestoga River in Lancaster County.

I often think of how it must have been furnished when the family first moved into this house. It has never been remodeled and still has the openings in the walls for stove pipes and a hole in the ceiling for the rope leading to the dinner bell on the roof. The corner fireplace and corner cupboard are still intact. But, wouldn't the original owners be surprised to see our modern conveniences?

Newly crowned Beaver-Lawrence Dairy Princess, Kimberly Bonzo, is flanked by alternate Sue Robinson, right, and former dairy princess, Christina McDowell.

Kimberly Bonzo Named Beaver-Lawrence Dairy Princess

ROCHESTER (Lawrence) — Kimberly Bonzo captured the Beaver-Lawrence Dairy Princess crown on June 18. The pageant, held at Laurel Elementary School, named Sue Robinson the county alternate. Other contestants included Charlea Braho and Laura Scheel.

Bonzo, a senior at Freedom High School, plans to study business management after graduation. At school, she is involved in marching band, jazz band, vice president of concert band, Beaver County honors band, drum majorette, Youth Traffic Safety Council, President of Pennsylvania Youth Education Association, fine arts club and was selected Who's Who Among American High School Students and is in the church choir.

Bonzo works on the family 150-acre farm owned by her parents, Gayle and Kay Bonzo. They milk 38 Holsteins.

Dairy Shorts

WHIP IT

Creaming butter for cookies? Rather than letting it soften at room temperature, remove it from the refrigerator only a short time before creaming, cut into small pieces, and whip.

* * *

MILK AS BEVERAGE

Milk was originally thought of by consumers as a raw product to make butter and cheese. It wasn't until the late 1800's that milk saw widespread use as a beverage.

* * *

SHELF LIFE?

How long can you keep cottage cheese, dairy sour cream, and yogurt? About one week in the refrigerator, for maximum flavor and texture. Dairy sour cream and yogurt may keep slightly longer than cottage cheese, up to ten days.

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MICROWAVE MINUTES

By JOYCE BATTCHER

Your microwave and grill are a perfect pair. Precook meat or poultry in your microwave; then, brown it on the grill. The results? Cooked, tender meat or poultry with a browned look and barbecued taste.

Precooking in the microwave means a very short grilling time. There's less chance of charring the outside of meat or poultry because the inside is tender and fully done. There's also less flare-up during grilling.

Meat or poultry is almost fully cooked in the microwave and just placed on the grill to get the grilled taste and to brown.

Meat or poultry is microwaved for grilling much like it is for all-microwave preparation. Chicken is microwaved on a meat rack on High, covered with waxed paper. Turkey legs, thighs and wings and also pork and beef ribs are cooked in liquid with a tight cover on Medium power. All should be rearranged and turned over halfway through cooking for even cooking.

Each season I experiment with more kinds of microwave and grill combinations. This year I've discovered that you can use the microwave pressure cooker to precook turkey wings and thighs and pork and beef ribs. Follow directions in recipes booklet as to amount of liquid and time. You could precook chicken too this way, but it's faster and more efficient to microwave it as directed below.

Here are some basic directions for a variety of micro-grilled foods. Follow the timings and techniques. For extra flavor, add your favorite herbs or other seasonings or follow my suggestions below each recipe. During grilling, baste with your favorite barbecue sauce or glaze.

Micro-Grilled Chicken

2½ -3 pounds broiler-fryer chicken, whole or quartered

A favorite barbecue sauce or poultry glaze

Place whole chicken, breast-side down, (place chicken quarters, skin-side up) on microwave meat rack. Cover with waxed paper. Microwave (High) 15 to 20 minutes or until chicken is almost done. Halfway through cooking, turn over whole chicken. (Rearrange chicken quarters, if necessary for even cooking.)

Drain chicken and immediately transfer to hot grill. Cook 4 inches from coals (or on medium setting), about 20 minutes or until golden brown and done. Turn chicken over and brush generously with barbecue sauce or glaze several times during cooking. Makes 4 to 5 servings.

For extra flavor: Before microwaving, sprinkle inside of while chicken or both sides of chicken quarters with herbs, such as fresh or dried sage, rosemary, thyme or tarragon.

Micro-Grilled Turkey Drumsticks Or Wings

2 turkey drumsticks or 2 large turkey wings (2½ -3 pounds)

1 cup water

½ -1 teaspoon salt (optional)

A favorite barbecue sauce or poultry glaze

Place turkey drumsticks (with wings, first cut apart at joints) in microwave cooking bag. (Or place in microwave-safe dish and cover with heavy-duty plastic wrap.) Place bag in microwave-safe 12x8-inch dish. Add water and salt to cooking bag. Close and vent bag by closing ¾ of open end with nylon tie (that comes with bag) or with ½ -inch strip cup from open end. Microwave (High) 5 minutes. Turn turkey and bag over and rotate dish. Continue microwaving on Medium (50% power, 325-350 watts) 40 to 50 minutes or until turkey is tender. If necessary for even cooking, rotate dish several times or rearrange and turn over pieces several times.

Drain turkey and immediately transfer to hot grill. Grill about 6 inches from coals (or on medium) until browned, about 15 to 20 minutes, turning several times and brushing generously with barbecue sauce or glaze. Makes 4 to 5 servings.

For extra flavor: Before microwaving, add herbs — such as thyme, rosemary, sage or poultry seasoning — to water.

Micro-Grilled Pork Spareribs

3-3½ pounds lean pork spareribs, cut in 2- to 3-rib portions

¾ cup water

½ -1 teaspoon salt (optional)

A favorite barbecue sauce or pork glaze

Put ribs, water and salt in microwave-safe 3-quart casserole. Cover with tight-fitting lid or plastic wrap. (Or use a cooking bag in casserole; tie bag loosely.) Microwave on Medium (50% power, 325-350 watts) 25 to 30 minutes or until ribs are done. Halfway through cooking, turn ribs over and rearrange.

Drain ribs and immediately transfer to hot grill. Cook about 6 inches from coals (or on low setting) about 30 minutes or until brown and done. Turn ribs over and brush generously with barbecue sauce or glaze several times during cooking. Makes 4 to 5 servings.

For extra flavor: Before microwaving, top ribs with several garlic cloves, a small sliced onion and/or a half unpeeled, sliced lemon.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes c/o Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Taking Care Of Perspiration Stains

Summer is a wonderfully active time of the year for most Americans. Everyday thousands are at the beach, on the tennis courts or golf course, or working in the yard and garden. All this activity in hot, humid weather takes it's toll on clothing in the form of perspiration stains.

Body perspiration and the use of an anti-perspirant deodorant may cause a yellow to black discoloration in the underarm area of garments. The anti-perspirant formulations are usually labeled "extra dry." Since the deodorant is "extra dry" it contains more aluminum salts then the normal product. The salt combines with body perspiration, and yellowing occurs.

Removal of a deodorant/perspiration stain may require several treatments, depending upon the age of the stain and whether or not it has been set by heat in washing, drying or ironing.

To avoid the problem, buy deodorants that use the lowest quantities of aluminum chloride (compare ingredient labels); wash items as soon after use as possible; and use a phosphate-containing detergent for best results.

To remove stains try one of the following methods:

* Treat stain immediately. A fresh stain can be pre-treated with a liquid detergent, pre-soaked in an enzyme soaking product, or sponge with a solution of ¼ cup ammonia and ¾ cup of water. Wash the item as usual, but do not put it into an automatic dryer until stain has been removed.

* Old stains are more difficult to remove and may require several treatments. Wash in between each treatment, but do not put items into a dryer until the stain is fully removed.

* Sponge stain with white vinegar, undiluted, before washing. Wash and line dry.

* Make a paste mixture of powdered oxygen-type bleach (do not use chlorine bleach) and household ammonia (about ¼ cup of each). Apply paste to stained underarm area and allow it to stand for at least 30 minutes and up to several hours. Wash and line dry.

* Sponge the stained area with rubbing alcohol. Wash and line dry.

Thanks to modern laundry equipment and a little know-how in treating stains, your summer clothing can take all the strenuous activity you wish to engage in -- and still look great for next summer.

Proper Care Of Pots And Pans Can Save Money

Playing with mother's pots and pans has kept many generations of babies happy -- but it has not made the best use of cooking energy.

The finest electric or gas range, equipped with all the latest features, won't perform well if you use warped or dented pots and pans. Utensils with scratched and scoured surfaces, inner surfaces which you can't get completely clean, warped bottoms, dented sides, loose handles or badly fitting lids will give unsatisfactory results both in cooking and in clean-up.

For the best cooking results and wise use of energy, check your utensils for these points:

* Straight sides. They help distribute heat evenly and make stirring easier.

* A flat bottom for even heating and preventing hot spots. This also keeps fats and liquids from collecting at low points.

* Rounded joints between sides and bottom for easy cleaning. A well-fitting cover to help hold in moisture, flavor, and nutrients.

* A heat-resistant, tightly-fitting handle or a well-balanced utensil which isn't likely to slip or tip even when the hands are wet.

* Heavy material which won't easily dent, crack, or warp with normal use.

* A variety of sizes in order to match the range burner size with the utensil's bottom. This saves energy and allows for the best distribution of heat over the bottom of the pot or pan.

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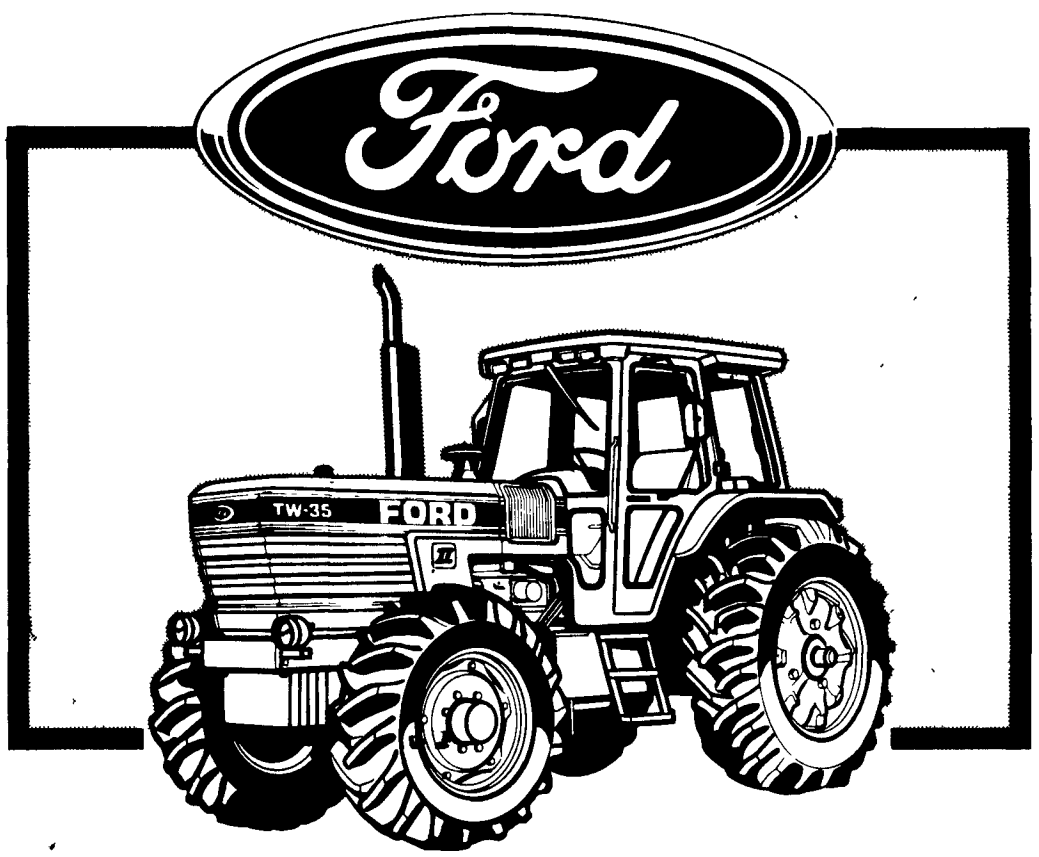

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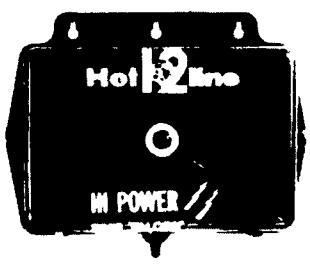

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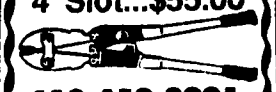

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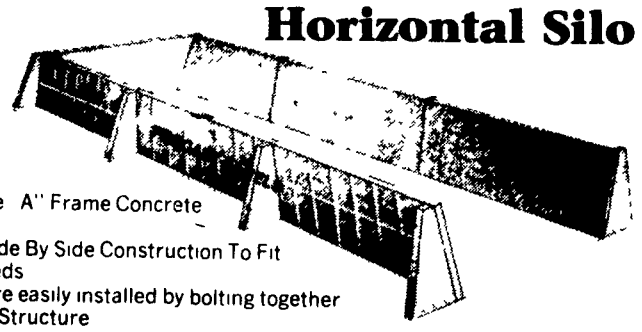

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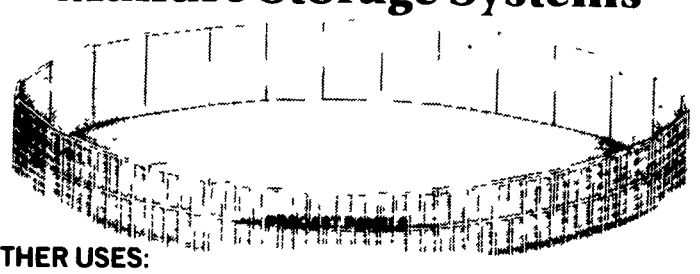

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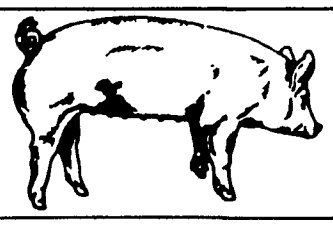

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By the Pennsylvania Duroc Association and Pennsylvania Yorkshire Coop Association, Inc.

Bred Gilts - Boars - Open Gilts

Educational and Adult & Junior Judging Contest
Thursday, July 14, 1988
at 1 P.M.

Show And Sale
Friday afternoon and evening
July 15, 1988
Show at 3 PM
Sale at 6:30 PM

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Judge: Ron Trostle
Auctioneer: Harry Bachman #AU-000-33L

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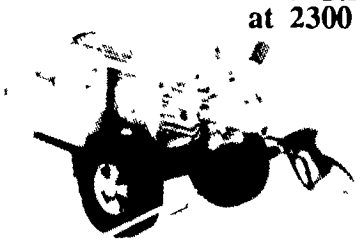

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Peanut Hulls
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Contracting: Barley, Wheat, Corn & Soybeans. Storage also available

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DEALER IN
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Contract or Spot Purchase
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Specializing in race horse and dairy quality hay
We also have mulch hay and bright wheat straw
Something for everyone.
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Is selling good quality hay and straw, small or large loads.

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AGRI TECHNOLOGY! We believe that modern methods combined with the MIRACLE of growth provided by the SUN will continue to make farming America's most important industry. For that reason our logo symbol depicts a modern M under the round SUN. MIRACLE FEEDS Inc. Your By Product Specialists has combined nature's best products with human technology to bring you PROGRESS and PROFITS

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CCC Licensed Warehouse
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CUSTOM DRYING & STORAGE

15 FEED & SEED

100 acres very bright wheat straw, baled & stacked, also others not baled Best Offer Along US 30 at Thomasville airport Call after 3 p m 717-792 1844

30 ton alfalfa, '88 crop, $70/ton Chester Co , Coatesville 215 383 9583

32% liquid protein, wholesale/retail from manufacturer Dealer inquiries invited Call collect, 301-343-0343

Bright Wheat Straw for sale Stump Acres, 717-792-3216 York County

Buckwheat For Sale, cleaned & bagged Call after 8 a m 215-298-2754

Corn silage, Chester County, Oxford area $20 per ton at farm 215-932-2048 or 4827

FOR SALE
HAY
Load off wagons
717-324-2841

Choice Timothy & Alfalfa, Timothy & Clover and Timothy Hay
717-324-6952
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WANTED
High Moisture Shelled Corn
Must be good quality - No dark kernels
Will pickup - Prompt Payment
LUKE H. KURTZ
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Berks Co.

WANTED
Good quality Ear Corn. Paid at scale.
Eugene Garman
R.D. #3
Sch. Haven
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16 FERTILIZER

Broiler manure for sale, approx 15 to 20 ton, every 8 weeks, next clean out first week in August Write to John K Zook, RD #2, Box 330, Montgomery, PA 17752

Need Lime?
We Haul. Hi-Mag & Hi Cal
Zimmerman Lime & Fertilizer
235 W. Burkholder Dr.
Lititz, PA
717-733-7674

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Lancaster County, PA
717-738-1312
Have a nice day

Mushroom Garden Mulch	
1,000 bu. load	$130.00
500 bu. load	$100.00
300 bu. load	$75.00
100 bu. load	$50.00

South of New Holland and West of Brownstown is more money.
$10 per ton for Poultry Manure
Hardwood Shrubbery Mulch
Call For Price

BROILER MANURE FOR SALE
* Delivered in 22 ton loads
* Custom Spreading Service Now Available
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Large or Small Quantities
Penn Ag Products, Inc.
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AGRICULTURAL LIME
Faylor Middlecreek Inc. has crushed lime stone dust. **$2.00 per ton** at our Lancaster quarry. Located at 1756 Wabank Rd., Lancaster. We are open weekdays 7 a.m. to 4 p.m. Call **717-872-4631** for directions.
The analysis is as follows:
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Effective Neutralizing Power 68.24
Average Gradation:
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90.0% thru 50 Mesh Sieve
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NEED LIME?!
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High Quality Lime Plus 50-60 Lbs. of Potash (Worth $7.00) & 80-100 Units of Sulfate (Worth $12.00) In Every Ton
University & USDA Tested and Proven!
COMPARE OUR ANALYSIS

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ENP 64 (Damp) 78 (Dry)	80% thru 100 Mesh (Damp) 100% thru 100 Mesh (Dry)

We Deliver!
Only $6.00/Ton F.O.B. Stockertown, PA
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17 PLANTS

For Sale Cabbage, cauliflower and broccoli plants 717-656-9766

PLANTS FOR SALE Cauliflower, Cabbage, & Broccoli 717-859-1662

18 FRUITS & VEGETABLES

"RAAB FRUIT FARMS" have ACRES of "PIE CHERRIES" and BLACK RASPBERRIES almost ready for your picking READY picked too! Price and quality worth waiting for! Beautiful, young, well-kept orchards! No ladders required Call RAAB FRUIT FARMS, 717-244-7157 for updated information

WANTED Supplier of quality sweet corn in Chester Co or Lanc Co for my busy stand Call 215-353-7304 or 215-356-6873 Evenings

18 FRUITS & VEGETABLES

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BAGS, BOXES AND SUPPLIES
We have bags and boxes that will give your produce the "FRESH" look. We carry VEXAR MESH BAGS - POLY BAGS - PAPER POTATO BAGS - All Sizes. CABBAGE BOXES - ALL TYPES OF VEGETABLE BOXES - In Stock And Made to Order With Your Name. Strawberry boxes - trays - Pints and Quarts Rubber bands, wire ties, twine, etc. When it comes to packaging we're your #1 Source for Everything
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OVER 60 YEARS OF CONTINUOUS SERVICE

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1987 FARMHAND TUB GRINDER
Used one season, set up to grind bark mulch & wood chips, 2 to 3 cu. yd. per min. capacity, good condition $14,500
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Dixie chopper commercial mower/vacuum, 60" cut, 24 h p Onan, Zero turning radius, only 400 hrs , extra parts Cost $7,800 Sell $4,800 717-677-6721

15 gallon pull type sprayer, ideal for trees & lawn care, $299 717-569-3359 Evenings

16 hp Ford, 50" mower, fully hydro , very good condition, $1595 215-799-3283

21 SERVICES OFFERED

BRADFORD'S HOOF TRIMMING 301-378-4603 Leave Message

Farm machinery repair Machine shop service Control wiring Excavation work 717-354-4059

HAULING Grain, farm machinery, straw, equipment Drop deck or dump truck Will haul anywhere Richard Nolt 717-866-6273

PROFESSIONAL HOOF TRIMMING Over 20 years experience Fast and accurate work 70-100 cows per day Increases milk production Easy and gentle on the cows and farmer No assistance needed 717-755-0770 or 717-757-3378 Satisfaction guaranteed.

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Tractor painting & repairing, mostly John Deere For reasonable service call 215-267-2128

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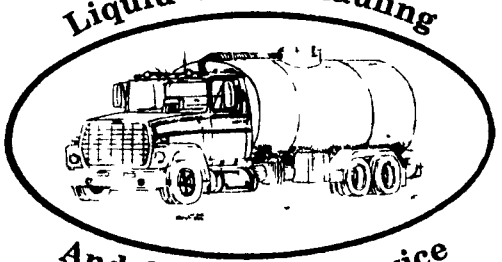
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Lagoon and Pit Pumps Available
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Mail blades enclosing $2.50 per set plus return postage, $3.00 for dog clippers. These blades are guaranteed to be sharp. Send to
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New Holland, PA
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DEAD FARMERS
Can't Enjoy Vacations. Call The Professionals At Farm Sitter Service, Inc. and Get Away Now While You Can Still Enjoy Life. For Brochure and References, Contact:
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CUSTOM FARMING
Harvesting of rye, hay and corn. Corn planting. Liquid manure hauling. Rye and hay mowing. Combining of small grains, corn and soybeans.
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Lanc. Co.

22 CUSTOM WORK

CUSTOM BAGGING Haylage, corn silage and high moisture corn w/ motorized machine 717-949-2366

For Rent or Services Offered No till grain drill, chopping & plowing, picking corn 215-932-2778

CUSTOM BAGGING
8' and 6' bags
Stoltzfus Custom Bagging
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Custom Bagging
Ryelage Haylage Silage Hi Moist Corn
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Small grains & corn
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Trucking available
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Serving: Dairy, Beef, Poultry & Swine Operations
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Work Completed Promptly At Affordable Rates
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Telephone
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23 HELP WANTED

Person to work on dairy farm, must have experience with milking cows & operating farm equipment Trailer provided York Co , Delta, PA 717-456-7372

Person to operate portable seed cleaner on the farm, July, August, September Farm expenence preferred Must supply pickup truck Lancaster, York & Lebanon Counties Reist Seed Co , Box 155, Mt Joy, Pa 17552 717-653-8078

Person wanted to work on dairy farm, in beautiful Berks Co Automatic parlor milking, field work Good salary, health insurance, bonus, vacation & modern home provided. 215-689-5496

POSITION OPEN FOR GROOM. Must be familiar with driving a pair as well as riding. 2BR apartment available including utilities Good benefits Located in Tarrytown, NY List references Write to: Don Homer, Hudson Pines Farm, Tarrytown, NY 10591

Herdsperson w/references wanted for 70 cow Reg Holstein herd near Millington, MD Will offer opportunity to develop ownership in cows. Joseph Smith, 301-928-3655.

LOSERS WANTED
Lose up to 29 pounds this month, cellulite, inches. Dr recommended! I lost 50 lbs. Incredible fat absorber. Free shipping Call Amy. 303-989-8311

23 HELP WANTED

Couple will provide an apartment plus utilities plus minimum salary in exchange for a couple to watch their infant children and do general farm chores Women must be caring and patient with children References are a must Grandmother type would be welcomed Knowledge of horses and cattle will be required for farm duties No pets Stall available 717-432-1553

Crew to cut and skid timber, full time employment Clinton Co, 717-725-3955

Dependable, hardworking person to work mornings on Lititz horse farm, 25-30 hours per week 717-626-4200

Experienced herdsperson for 120 cow registered Holstein herd in SE Frederick County, Maryland Good salary, housing, and other benefits References required Write Lancaster Farming, PO Box 366, R-134, Lititz, PA 17543

Experienced John Deere combine operator needed for corn & wheat season Full time or part time Apply Vonnies Farms, 301-778-5300

Experienced roofing & siding applicators needed Good pay & benefits Call 717-392-3180

Prefer Christian single or small family for vegetable grain farm, field work, mechanical knowledge, dependable Call after 8pm, 717-467-2746

P/T light construction, landscape, general help Flexible hours South of Akron 717-656-2257 or 717-394-2377.

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
Animal Medic, Inc.
717-266-5611

HORSE FARM
is looking for experienced person for stall cleaning, feeding, turn out, barn & equipment maintenance. Must be reliable, honest & have references. Salary & 2 bedroom apt. available. Northampton Co.
BIT BY BIT FARM
215-863-6616

Established Route Position open for I.B.A. Salesperson, Western Lancaster Co. Enjoy meeting and working with people, have dairy or farming knowledge. Great opportunity for self-motivated person.
Call or
Send Resume to:
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Lebanon, PA 17042
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Full-time tractor trailer driver wanted for local egg pickup Class 3 license required Benefits include medical coverage, profit sharing, retirement plan, uniforms and paid expenses Apply to AgriGeneral Corp, 631 West Orange Street, Lititz, PA 17543, between 8AM & 4PM

Help Wanted Farm worker on grain beef farm Equipment experience necessary Year round work Hourly rates Benefits and housing References required Fayette Co Apply to Chess Hereford Farm, Box 152, RD1, Smithfield, Pa 15478

Help wanted on dairy farm located in East Earl, Lancaster Co Scheduled weekends off Milking and some field work 215-445-7832

Herdsman position, responsible individual for established purebred beef operation, experience required in artificial insemination, calving, showing & cropping South Central PA 412-262-4486

Poultry house and processing room personnel needed Excellent opportunity and benefits Kreider Poultry Farm, 717-653-9421

Experienced help wanted on dairy farm in York County near Hanover Good pay to right person Insurance and other benefits No house Reply to Lancaster Farming, PO Box 366-A-173, Lititz, PA 17543

FARMHAND Experienced person for general farm with beef & hogs, good salary, house & excellent benefits References required Send resume to Lancaster Farming, PO Box 366-A-171, Lititz, PA 17543

FARM HELP
Person wanted w/ experience in milking to work on dairy farm Husband & wife or father & son team preferred Warren Co, NJ 201-859-1731

FARM HELP WANTED
Northern Virginia area House available, references required Call collect, 703-955-3351

Wanted Farmer with dairy experience to operate complete farm including field work Benefits include housing plus medical and dental coverage Reply to Lancaster Farming, PO Box 366, L-166, Lititz, PA 17543

Part time help wanted to bale straw. Excellent pay. Truckers wanted to haul straw. Also straw for sale.
Maplehofe Inc.
717-786-4580

Immediate Opening
for farm laborer and herdsperson on large Berks County farm. Must be reliable and serious. Excellent wages and benefits. Housing available. Must be available to start by August 8.
Please Call
215-689-4247
after 5 PM - Ask for Scott

Help Wanted
Individual with good mechanical ability to install agricultural related equipment. Welding experience preferred. Wages commensurated with experience. Benefits.
Call 717-656-0140
for appointment

Top Dollar and benefits for right person. Experienced farm equipment operator needed for Central Jersey diversified hay and produce farm. Must be mechanically inclined.
Lengyen Farms
Trenton, NJ
609-298-3294 or 298-3068

WANTED: SWINE PRODUCTION HERDSPERSON
To work in large confinement unit in Lancaster County, PA. Competitive wage, plus benefits. Experience not necessary, but must have the desire to learn.
Call 717-627-2850 or
717-627-2787

Reliable person w/heavy pickup or light truck capable of towing trailer to haul produce Apply to Henry S Beiler, 281 Christiana Pike, Christiana, PA 17509 or call 717-786-8500

Workers needed at local nursery No experience necessary References required Both full-time and part-time positions available For more information call 717-464-3574

Young person for full or part-time farm work. Near Manheim.
Clyde M. Buchen
717-665-4339

Reliable willing person to work on tree farm Experience w/small farm machinery & repair helpful Some sheep work Long term relationship possible Honey Brook area 215-273-3032

EXPERIENCED EQUIPMENT OPERATOR
Southeast New York Area
With mechanical & welding background on a beef farm. House, good benefits & salary negotiable.
914-631-1154

FULL TIME POSITION AVAILABLE STARTING AUGUST
Hodecker Celery Farm in East Petersburg, PA. Work includes trimming celery, irrigation, general farm work. Excellent wages & benefits.
717-569-9961
5496 Main St.
East Petersburg, PA 17520

Maintenance Person Wanted
32-40 hour week. Knowledge of plumbing, electric, carpentry and general repairs.
Root's Country Market And Auction
RD 7, Box 124
Manheim, PA 17545
717-898-7811
Monday thru Thursday, 8:00-4:00

WANTED FARM TRACTOR MECHANIC
Full or part time.
FAHNESTOCK FARM SERVICE
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Dairy Equipment Service Person Position Available
Large, expanding dealership with opportunity of advancement Guaranteed salary Health insurance. Life insurance, Paid vacations. Paid Holidays. Retirement Plan.
Send resume to:
Lancaster Dairy Farm Automation
RD 5, Box 184
Manheim, PA 17545
or call
717-665-7300

FULL TIME EMPLOYMENT
Various Positions
Excellent Benefits
Apply
R/K AGRI SERVICE
500 Running Pump Rd.
Lancaster, Pa.

Reliable, experienced person to do farm & lawn maintenance. No dairy animals. Home, heat, hospitalization, life insurance included. References needed.
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Working herdsperson needed for large dairy farm in Northern VA. Candidate must have successful AI experience, manage health of Holstein herd, supervise barn crew and be able to milk shift if necessary. Salary & benefits commensurate w/experience, housing & utilities provided.
703-338-3827

Working Farm Manager
for 40 Acre Bucks County Farm in Ottsville. Responsibilities include care and feeding of sheep, horses, goats and donkeys; hay and feeding purchases; fence and pasture care; health and record keeping. Competitive salary and benefits. Will help with housing.
Arby-Dobb Farm
271 Farm School Rd.
Ottsville, PA 18942
215-795-2968

24 SITUATIONS WANTED

Ornamental Horticulturist will work on your estate in exchange for use of a clean, attractive house & small plot of land 302-736-6327

Married man with mechanical ability desires work on small to mid size dairy or general farm Need good house and working conditions Would like to own a few cows Prefer Franklin or surrounding county 717-765-4881

25 BUSINESS OPPORTUNITIES

Convenient Store, MD's Eastern Shore, gas, lottery, deli, grocery 2½ acres Route 13 Pocomoke City, MD 38 miles from Ocean City, MD 20 miles from Chincoteague, VA Call Patsy 301 957-0202

Established fruit and produce stand in busy Reading area farmers market Includes 2 walk-in coolers and refrigerated truck For more information call 215-582 4603 after 5pm Monday thru Wednesday

TIOGA CO DAIRY FREEZE Near College Good Traffic Bus & Real Estate $95,000 R Franks RE 717 724-5286

Westminster MD excellent business opportunity, state route exposure, family owned garden center, owner retiring, anxious to sell $295,000 Coldwell Banker, Cliff Dull 301-876-6440, 301-848-0746 EOH

Want to make $15/hr at home? Handmade item every dairy farmer needs Easy extra income for men, housewives, teenagers, retired, and disabled Free information SASE to Goodville Farm Services, Box 6, Goodville, Pa 17528

NOTICE
Business owners, executives, general managers, vice presidents, foremans and others, not getting anywhere, feel you need a change in your job?
Do something great for yourself and family financially.
This is your opportunity.
Write to:
Lancaster Farming
PO Box 366, R-132
Lititz, PA 17543

THINKING OF LEAVING FARMING BUT WANT TO STAY IN AGRICULTURE?
Please send resume to
Jeff Evanyk
PO Box 68,
Waynesboro, PA 17268

RARE OPPORTUNITY
2 separate parks in Central PA. Wild animal farm & story book park. Unlimited potential. Same owner 25 years. Price negotiable to interested party w/some possible owner financing.
814-944-4811 or 814-942-0100
Ask for Mr. Bowser
Between 6 & 8 p.m.

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Let us show you how we can lower your mortgage & insurance payments and also you will want to take part in this business opportunity.
Reply to:
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P.O. Box 366 K-177
Lititz, PA 17543

26 HOUSEHOLD

Dry sink, dishes, chairs, antiques Berks Co, 215-367-4904

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

27 PETS

AKC Pomeranian puppyies, AKC Collie puppies, AKC stud service Collie, Pomeranian, Dalmation 717-733 8770

AKC Sheltie puppies, males, excellent bloodlines and temperment Shots and wormed $125 each 717 483-6587

For Sale Border Collie pups 6 weeks old John A Fisher, 10071 Otterbein Church Rd, Newburg, Pa 17240

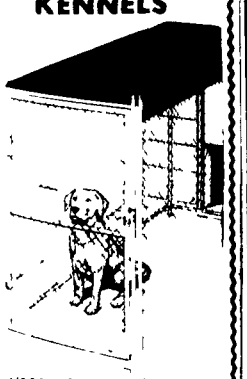
AKC Collie puppies, sable and white ADGA purebred Nubian goats, all ages Jay Hartman, Gettysburg Phone 717-334-7993

Registered Australian Shepherd pups, born 6/23/88, ready to leave 8/8/88, all males, mother is working sheep on farm Merles, $150 Solids, $125 717 367 3807 Lancaster Co

WANTED-Puppies, all breeds Jack's Dog Farm Rt 611, Pipersville, PA 18947 215-766 8802

FOR SALE:
Louisiana Catahoula Cow-Hog Puppies, 7 weeks, registered, shots, great pet, watch dog, livestock dog. All have leopard markings. $150-$300 depending on choice.
Bethel
717-933-4196
Call Friday thru Mon.
9 AM - 10 PM
Tues.-Thurs. after 8 PM

CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
R D #1 - Box 428
New Holland, Pa 17557
717/354-9760

27 PETS

AKC female Bassett, 3-years old, family dog, good breeder 717 529 6704 after 5

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
201-295-2442
Daily
201-899-5868
Early Morning
Call Collect
215-350-5249
Thursday Only
P.S. We buy pups 52 weeks a year.

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters
Stud service for most breeds
Forest Ridge Kennel
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Paradise PA 17562
717-442-4259

PUPS WANTED By Jo Jo The Dog Man
$ Top Dollar Paid GREEN CA$H PAID ON THE $POT
There will be a **$100 Prize** for the cutest pup purchased on August 2nd at Root's only
The Pup Stand at Root's will be closed through July.
I will be buying pups at my kennel in Clinton County.
717-725-3017

27 PETS

Adorable Catahoula Puppies & Working Farm Dogs For Sale 215-493-4900

AKC Boxer pups, nice markings Ephraim Riehl, 247 East Eby Rd, Leola, Pa 17540

32 MISCELLANEOUS

Band saw blade connection Any size, type, application Top grade only 17710 Indian Head Hwy, Accokeek, MD 20607 301-283-4390

Brute model wood splitter, 4-way adjustable wedge, 2 stage pump, 11hp Honda motor, used ½ year, $1975 717-768-7005

CONDENSING UNIT Bristol 1½ ton R-12 unit Like new, $400 or Best Offer 717-362 3556

For Sale 250 acres of mountain ground, prime hunting country in Centre Co, Pa 814 383 2710

For Sale (20) 18 bu bins 2,000 bu crates Lancaster Co 717 653-5661 or 717-653 8419

For Sale Closed carriage good condition, $2,000 Alvin Beiler, 261-A Wolfrock Rd, Paridise, Pa 17562

For Sale Dust Collectors, Cyclones, one 50,000 cfm, two 10,000 cfm, two 5,000 cfm, one DER approved, Dixie Baghouse, 20,000 cfm 717-244-4544, 9 5

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For Sale Two pump organs, cheap, need attention Chester Co Call 215 326-4640

WOODWORKING MACHINERY Cut rates 1-800 445-4669

ANTIQUES WANTED
Wall cupboards, pay up to $10,000. Corner cupboards to $5,000. Slant-front desks, grandfathers clocks, rope beds, guns, pottery, toys & anything old. Just give me a call. Free appraisals.
Write:
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Elverson, PA 19520
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1-215-286-6618
Anytime

Insh Setter pups, AKC, shots and wormed, reasonably priced Affectionate pets 717-243-8944 eves

Labrador Retrievers, black, full bred, no papers, 4 males 8 weeks old, 1 male 8 months old, 11 miles south of Red Lion, PA on Rt 74 Call 717-862-3942 or 717-244-4544

32 MISCELLANEOUS

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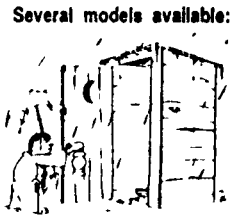

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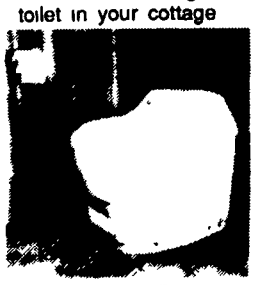

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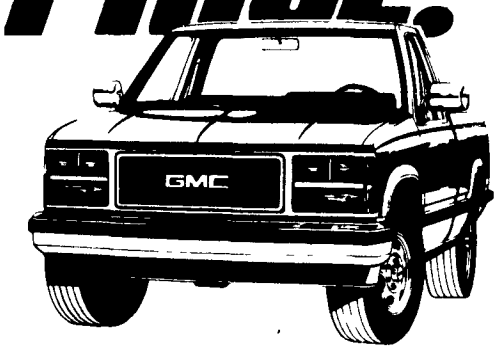

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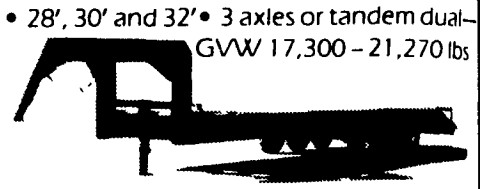

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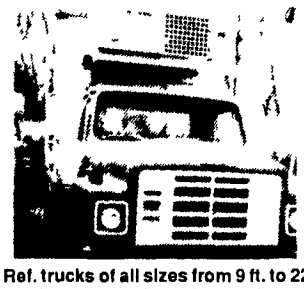

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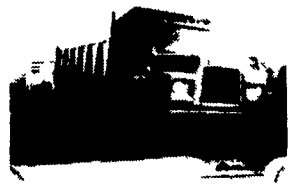

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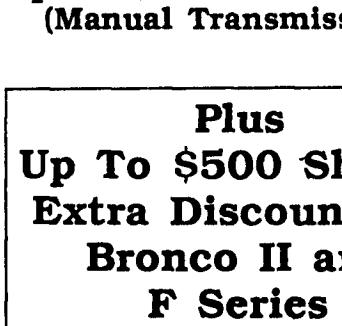

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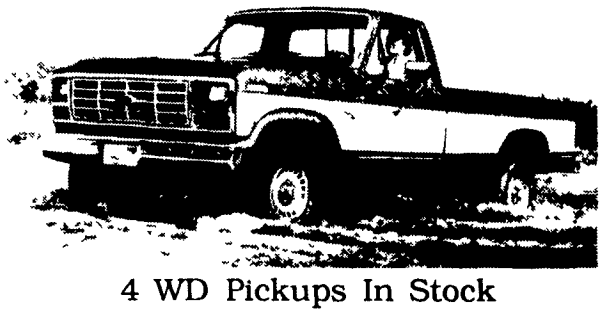
20th & Cumberland St. - Lebanon

1988 Ford Crew Cab

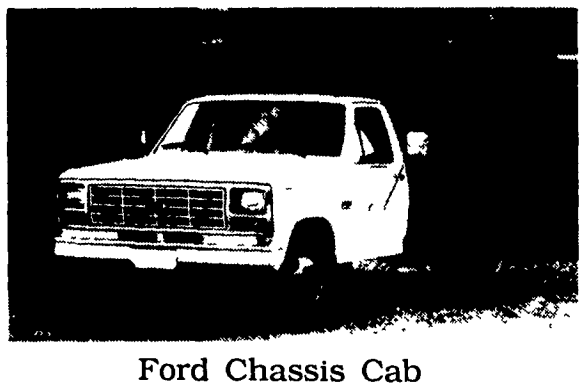
Rebates End As Of 7/12/88

Up To $750 On Bronco II's
Up To $500 On Rangers
Up to $500 On F Series
(Manual Transmissions)

Plus Up To $500 Sheehy Extra Discount On Bronco II and F Series



4 WD Pickups In Stock



Ford Chassis Cab

1988 F-Super Duty 4x2 Chassis

36 REAL ESTATE

1952 Ford F6, flathead V8, 12' twin cylinder dump bed, 2-speed rear, runs good, recent inspection, 21,000 GVW, York Co., 717-757-4238

1976 F-600 Ford truck, 16' Hostettler cattle body, good shape 814-743-5228

1978 International 1850 w/10' steel dump, DT466 diesel, 5&2, PS, AB engine rebuilt, excellent condition, 33,000 GVW, $13,750 814-742-8202

1972 IH 2070A, 238 Detroit, 10-speed, tandem axle, 48,000 GVW, 30' flatbed, cab rack, asking $8250 complete, $7250 cab & chassis 814-472-9650

1973 Chevy 350 engine 9' Eby livestock body, new tires, clutch 82,000 original miles After 7PM, 718-667-6514

FOR SALE TRUCK ENGINES
Mack 237, 300 and 673, Cummins 350 big cam, Super 250, 270 and 185, Detroit V692T, V653, V671, 671, 318, 353, 371 and others, gas engines, Ford, Chevy, International, GMC, Dodge and 200 Reo and 478M GMC, many other truck parts.
WANTED
Trucks & Parts
215-944-9871
day or night

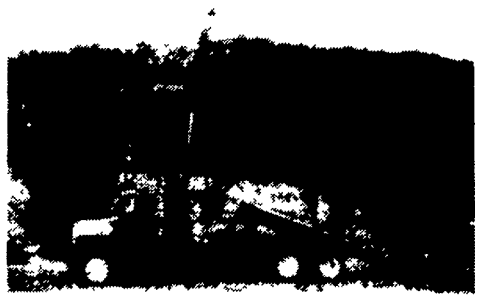
We Sell Quality Built Bodies And Trailers

✔ **Check This Listing**
- ✔ Knapheide Grain Bodies
- ✔ Gooseneck Flatbed Trailers
- ✔ Deluxe Horse Trailers
- ✔ Gooseneck Grain Dump Trailers
- ✔ Moritz Livestock Trailers
- ✔ Duralite Van Bodies
- ✔ Aluminum Livestock Trailers
- ✔ Free Flow Silage Bodies

Hostetler Truck Bodies & Trailers
Rt. 322 Milroy, PA 17063
717-667-3921

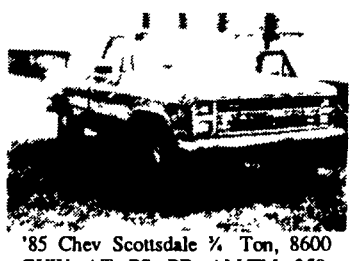
1978 Mack Dump
300 eng., 5 spd., P.S., new 10' dump body, $16,500.

1978 Mack Tractor
300 eng., 10 spd., camelback susp.
717-254-6302
after 6:00 P.M.

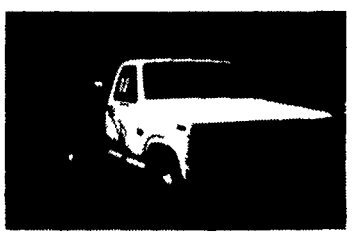


1973 Ford 9000 tiltback truck, tandem axle, Cummins diesel with Scott Midland 7 ton, 43' hydraulic crane.
$14,500
301-239-3686

USED TRUCKS

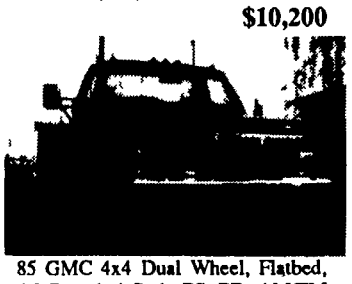


'85 Chev Scottsdale ¾ Ton, 8600 GVW, AT, PS, PB, AM/FM, 350, Radial Tires, Blue, Excellent Condition
$7,900



'86 Ford F350, Dual Wheels, Stake Body, PS, PB, 4 Spd., 460 Engine, AM/FM Cass., 2 Tanks, Excellent Condition, 40,000 Miles.
$10,200

'87 Chev C-20 Pickup, 350 F1, Auto, PS, PB, AC, AM & FM Stereo, Two-Tone Blue & White, 21,000 Miles
$10,500



85 GMC 4x4 Dual Wheel, Flatbed, 6 2 Diesel, 4 Spd, PS, PB, AM/FM Cass., Radial Tires, 32,000 Miles, Excellent Condition
$11,500

4 WD TRADE-IN SPECIALS - CALL US

Financing Available

MARTIN'S AUTO SALES
725 E. Main St., New Holland, PA 17557
Office (717) 354-9967 or (215) 445-4519

YORK COUNTY'S DETROIT DIESEL SOURCE

- * Engine Rebuilding
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- * Heads
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- * Blocks
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- * Long Blocks
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* 8V71T, 350 hp, special $2500 exchange
* 6V53, recent o/h $3,000
* 4-71 head outright, $500
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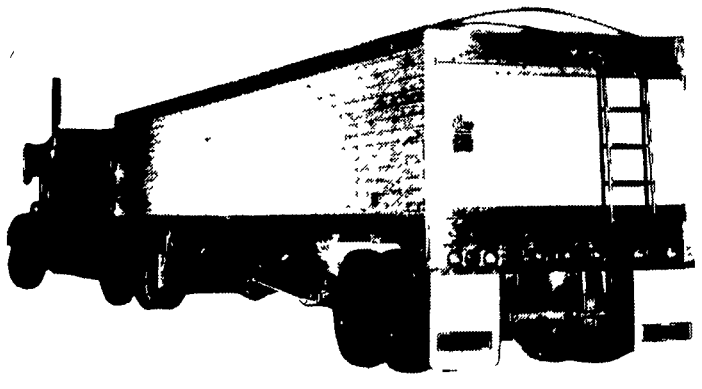
J & R SUPPLY COMPANY
Felton, PA
Detroit Diesel Specialists
717-993-3594

SUPER HOPPER

NEW

REDESIGNED 1989 TIMPTE GRAIN HOPPER



Got Grain? Then get the trailer that is Timpte tough... the Super Hopper. It's not only built to take it...it's also built to cut fuel costs. The Super Hopper is lightweight and aerodynamically designed to reduce wind drag. When there's grain to be hauled, Timpte does the haulin' best and pulls a lot easier than the rest.

M.H. EBY, INC.
Box 127, Blue Ball, PA 17506 (717) 354-4971

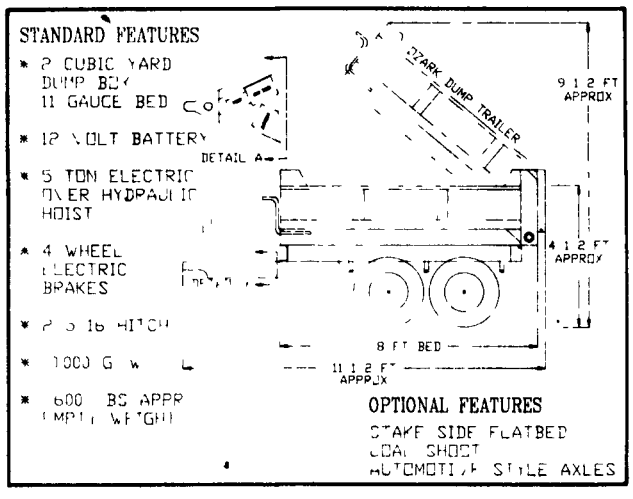
OZARK DUMP TRAILER

THE IDEAL DUMP TRAILER FOR:
LANDSCAPING, LAWNCARE, GOLF COURSE MAINT., PARK SERVICES, CONTRACTORS, NURSERIES, FARMERS, AND HOMEOWNERS.

For information and the dealer nearest you call

717-684-9239
Charles Brommer

ALLUCO, INC.
Box 120, R.D. 3
Columbia, PA 17512



Dealer Inquiries Welcome

Custom Built Flat Bed Available

RINGO HILL FARMS

Rt. 212, Pleasant Valley, Pa. 18951 **215-346-7340**

hours: 8-5 Pm Mon. - Sat.

THE "SPECIALISTS" IN

Farm Equipment **Landscape Equipment**

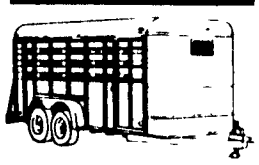
Utility Trailers

FROM $498

FROM $1500

FROM $1500

Horse Trailers



Trailer Accessories, Hitches & Installation Available

Truck Beds
Diamond plate steel

Dump Bodies

TRUCK & TRACTOR CHAINS IN STOCK

MEYERS SNOW EQUIPMENT IN STOCK

SNOW PLOWS

8 Ft Power Angle Lights & Controls	$1800
Installation	$200

SALT SPREADERS

Tail Gate Hopper 600#	$1000
Bed Hopper w/Auger ¾ Yard	$2500

Snow & Grader Blades

Size	
5 Ft	$195*
6 Ft	$220*
7 Ft	$240*
8 Ft	$350*

CHRISTMAS TREE PLANTER
Heavy Duty Commercial Unit Automatically Plants 1000 Trees Per Hour 3 or 18 Price Adjustable Spacing 2 Ft to 12 Ft
Now in Stock **$1,850**

Commercial Mowers
Finish Estate Mowers
Landscape Rakes
Scarifying Box Blades
Post Hole Digger
Root & Stump Cutter
Dump & Carry
Carry-All Scraper
Rock Picker
Gill Pulverizer
Chipper
Sprayers

Log Splitter

$900

Brush Hog Rotary Mowers

Size	
4 Ft	$450
5 Ft	$550
5 Ft	$600
6 Ft	$700
7 Ft	$1600

Trailer Type

Size	
5 Ft	$700
6 Ft	$850

Bale Loader Carry All
Furest Flexible Tine Harrow
3 Point Cement Mixer
Lift Type Disc Harrow
Bale Chopper
Sickle Mowers
Rototillers
Sweepers
Hay Rake
Buck Saw
Tedder
Plow
Fertilizer Spreader and Seeder

CALL OR WRITE FOR OUR CATALOG

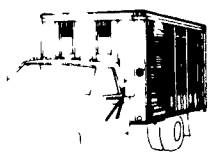
dealerships available

USED EQUIPMENT
Front End Loaders & Hoes
Farm & Landscape Tractors

FOR SALE
1970 Autocar tandem dump truck, Cummins motor w/15½' aluminum body, excellent condition.
301-898-9271

1974 Chevrolet C60
350 cubic inch motor, 5 SP trans. PS, PB, Good 9x20 Tires, 21,000 GVW, 139,000 miles.
$1900
215-445-6019

USED EBY ALUMINUM LIVESTOCK BODIES SALE



- 14' Eby Cattle Bed 6'3" High Inside Rear Roll-Up And Drop Ramp
- 30' Eby Aluminum 7'2" Height Set Up To Double Deck
- 17' Eby Aluminum 6'6" Height

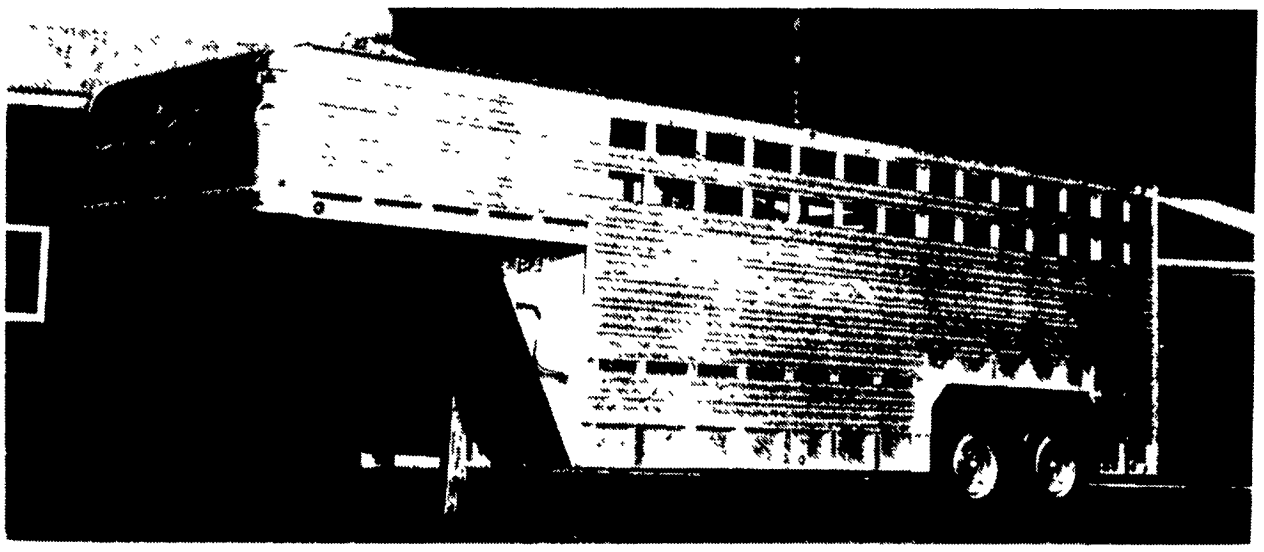
BRAND NEW '88
24'x8'x6'6"
C.A. 174"
PRICED TO MOVE

M.H. EBY, INC.
PO Box 127
Blue Ball, PA
17506
(717) 354-4971

1977 GMC 35 Series
with 200 amp Lincoln welder, custom built body, hoses, gauges, and welding leads. Includes cutting torch and tips, fire extinguisher and vise. $6,000.00.
717-235-3387

EBY ALUMINUM GOOSENECK TRAILERS

BLUE BALL, PA



20' Gooseneck Trailer

A versatile, lightweight, Eby aluminum stock trailer is built to provide years of maintenance free service. An Eby trailer is custom built to fit your individual hauling needs - No mass production! We use only quality components and strong alloy aluminum to manufacture what may be the last trailer you'll ever buy.

- LIGHTWEIGHT - Eby stock trailers are 25-35% lighter than comparable steel trailers. Less weight means better fuel mileage or increased payload.
- MAINTENANCE- Eby aluminum trailers won't rust. Welding and painting can cost you dollars in down time and repairs.
- DURABILITY - Eby trailers are built tough. Quality components and 6061 alloy aluminum provide the ruggedness required in a livestock trailer.

M.H. EBY, INC.

Box 127, Blue Ball, PA 17506 **717-354-4971**

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36 REAL ESTATE

Juniata County Nursery Business and mountain land for sale 717-436-6982, 717-527-2576

Sale/Rent 10,000 to 50,000 sq ft areas of dry warehouse space, sprinklered, Lancaster city, $1 15/sq ft 717-397-7695

WANTED Farmette, North Central Pennsylvania area 75+/- acres, partly wooded Mineral rights MUST be included Send information and price ASAP R Smart, 338 Cedar Lane, Mt Holly, N J 08060

WANTED TO LEASE OR BUY Dairy farm, between now & Spring of '89 717-768-7405

WANTED TO RENT Barn for steers & pigs w/pasture Also 40-100 acres of ground Paradise, Gap, Cochranville, Nine Points area 215-593-2367 Ask for Andrew

Wanted Dairy farm to rent with option to buy in Union or Snyder Co Reply to Lancaster Farming, PO Box 366-A-172, Lititz, PA 17543

For Sale 24 Acre farm, Juniata Co 4 miles from Mifflintown 717-436-6759

For Sale Beautiful 60 acre dairy farm, in Union Co, Buffalo Township 2 new silos bulk tank, farm machinery & dairy cows, all priced $350,000 717-966-1118

For Sale Dairy operation with 150 cows now milking Has all the necessary facilities with anywhere from 230 to over 500 acres of high producing land, situated in Lycoming County, Pa Call JONES REAL ESTATE for more details 717-546-2276 or 717-323-7802

For Sale Farm, Bedford County, Pa, 228 acres, 100 tillable, barn, 20x60 silo, 30x90 pole barn, 40x40 block shop, garage Lovely brick home, 2 story, 4 BR, 2 bath, fireplace Beautiful guest house Pond, wooded area Location makes great hunting, fishing $296,000 by owner 814-784-5594

WEST VIRGINIA 101 acres woodsland, good hunting area Small run FREE GAS No minerals $31,000 Clutter Realty, 101 W. State Avenue, Terra Alta, WV 26764 304-789-6933 114 acres $50,000

Young family would like to lease with option to buy farm Prefer 40-60 cows. Own 40 cows Call 215-683-5497 after 7PM

FARMS FOR SALE

Call Salesmen:
James L. Marsh
717-529-2678
or
Marlin Kreider
717-627-8244

CUMBERLAND CO.
44 Acre Fruit Farm, 2½ story custom renovated brick dwelling, 3 bedrooms, modern conveniences Bank barn, wagon shed, implement shed, hog shed 30 Acre apple orchard with pond Balance tillable Near Gardner & apple canning factories

ADAMS CO.
New Listing
187 Acre General Farm, near New Oxford, 2 sets of buildings, each has its own separate lane, each has its own well 122 acres tillable, 29 acres wooded

YORK CO.
New Listing
110 Acre General Farm Near Red Lion (1) 2½ story stone dwelling w/3 bedrooms, modern conveniences, (1) frame dwelling w/3 bedrooms Was a dairy for 42 cows w/room to expand Both dwellings in good condition 85 acres tillable, some wooded, stream n meadow

118 Acre Dairy 2½ story house, 6 bedrooms, bank barn with 51 stanchions, stable cleaner, silo 16x60, 90 acres tillable stream in meadow

LEBANON CO.
147 Acre Dairy, room for expansion, 88 free stalls room to expand to 176 free stalls, milking parlor, bulk milk tank, silo 20x60 100 acres tillable, stream in meadow, some wooded Brick 4 BR dwelling w/ conveniences Northwest of Hershey

78 Acre General an ideal beef or horse farm, framed bank barn w/ attached buildings, implement shed, large part is tillable 4 BR dwelling has been remodeled and attached 2-car garage Northwest of Lebanon

23 Acre General, bank barn, silo 12x40, all tillable 4 BR dwelling, 1-car garage and one 2-car garage Northwest of Reinholds and southwest of Newmanstown

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main Street
Akron, PA 17501
717-859-1004

36 REAL ESTATE

114 acre Tioga Co dairy farm 40 stall barn 115'x36', machinery shed 40'x80', two silos w/unloaders, 18x55 and 14x40 Older heifer barn remodeled farmhouse, all crops grown or in storage included $125,000 717-537-6423

150 Acres prime farmland, Mason Dixon line, large barn, outbuildings, pond, 4 bedroom, 1 bath home Call Janet Nicholson/Ted Cochran, Grempler Realty, Inc 301-879-0900 EOHB

FOR RENT Ranch type farmhouse House has 4 bedrooms, 2 baths, hot water heat Holtwood area 717-284-4796 or 717-664-4587

Former dairy farmer would like to rent or rent with option to buy small, quiet farm, east of Reading, Pa Call anytime 215-932-0664

For Rent Beautiful farm house, garage. Heisey Farm Service, RR 2, Box 560, Mount Joy, PA 17552

For Rent Farm store front with living quarters available Berks Co Reply to Lancaster Farming, P O Box 366, L-165, Lititz, PA 17543

For Sale 250 acres of mountain ground, prime hunting country in Centre Co, Pa 814-383-2710

Ten acre lot, Bellaire Road, near E-town; zoned for double-wide or modular home 717-653-7286 mornings

Dairy Farm 82 acres, Cambria County, south of Ebensburg, Pa Land capability, class 2 soil, gas rights included Don Davidson Real Estate, 814-472-5678

FARMETTE FOR RENT $600/month in Lebanon County Call after 6PM, 717-949-2363

FARMS FOR SALE, Erie County or Crawford County Call Town & Country Realtors, 814-868-8585 or 796-4663 ask for Lynn

Farm, 75 acres secluded 6 Miles west of Shippensburg, 40 miles from Harrisburg 4BR 2 story house, 1½ baths, oil/hot water heat, large LR w/wood stove, barn, 2 pole sheds, large shop, 45 acres tillable, mostly Brome and Timothy hay, balance pasture and woodland 717-789-4585 by appointment only

Farm, Allegany Co, NYS near Wellsville, by owner, 145A, 60 tillable, 4-bedroom house, garage needs work, electric well water, $250/acre. 607-587-8668 after six

Farm couple with large family wishes to buy family dairy farm for 40 to 60 cows from retiring owners Prefer tie stall barn with private location Send replies to Lancaster Farming, PO Box 366, K-178, Lititz, PA 17543

FOR RENT Bradford Co, 200 Acre farm including 50 acres good pasture w/ plenty of water, 120 acres tillable of which 80 acres in hay, 30 acres woods, farmhouse, 2 barns 215-358-5258, 717-596-3796

22 Acres horse farm, Forest Hill, MD All buildings, less than 4 years old Call Janet Nicholson/Ted Cochran, Grempler Realty, Inc 301-879-0900 EOHB

50 acre farm, Brookville, Jefferson County Includes house, 2 car garage, barn, machine shed, spring water, coal rights Quiet, excellent hunting 814-938-8538

70 Acres unimproved ground strattling the Maxon Dixon line. Call Janet Nicholson/Ted Cochran, Grempler Realty, Inc 301-879-0900 EOHB

Apartment for Rent Loop Road, off 501 north Two bedroom, living room, kitchen and bath Apt newly built Spacious parking with security lighting No pets $375 per month plus security deposit Available June 1st 393-0646, ask for Jess or 627-2781 after 5pm, ask for Mike

Carroll County, MD 45,000 capacity egg laying operation on 26 acres with stream and pond 3 bedroom story frame home, owner retiring, $275,000 Coldwell Banker, Cliff Dull 301-876-6440, 301-848-0746 EOH

For Sale York Co, 94+ acres, ½ tillable, balance woodland, trout stream, good hunting, $158,000 717-665-3865

JEFFERSON CO, N Y 287 Acres, 150 tillable, 43 stanchion dairy barn, pipeline milking New dry cow/heifer barn, 2 silos, 20x50, 12x40 New 48x64 pole barn, 25x32 shop/garage 10 Room house, new kitchen and garage, 1½ baths, $115,000 Also available, complete line of farm machinery, 50 Holstein cows on DHI with 30 Al sired replacements Call 315-642-5794

LAND 17 ACRES along 897, Lebanon Co, frontage on 2 roads Mosemann R E, 717-529-2678

Lancaster Co, no buildings, ideal for horse farm, 1 acre pond, 4 5 acres 6 yr old peach trees, 3 acres older peach trees, 3 acres grazing, 31 acres good tillable ground Build your home on this 41 5 acres Only $120,000 Minutes to Route 283, 20 minutes to Lancaster, 25 minutes to Harrisburg 717-653-1714

Wanted Farmland in Schuylkill County for Germanic religious farming community $1,000 per acre Contact Christiansbrunn Brotherhood, PO Box 5090, Bethlehem, PA 18015

Wanted to Rent 40-50 stall dairy barn with housing, no land Need by Feb 1, 1989 or possibly April 1, 1989 Lancaster or Lebanon Counties Reply to Lancaster Farming, P O Box 366, L-164, Lititz, PA 17543

PERRY COUNTY DAIRY FARM 143 acres, 90 acres tillable, balance woodland and pasture 33 stalls, 4 unit 2" SS pipeline, 600 gal Mueller bulk tank, Cornell barn cleaner, large house 717-789-4245 No realtors Owner is real estate agent

Seven Acre Farmette Large 2 story frame house, 24x64 pole building adjoining state forestry land and state game commission land Town water $45,000 Clinton Co, 717-725-3955

FREE catalog with established businesses, farms & acreages in several states.
American Farm Digest
800-325-9943

For Sale By Owner:
167 acre Northeast Pennsylvania modern dairy farm, mostly tillable w/2 houses, nearly new freestall and dry cow facility. 4 silos w/unloaders, automated feeding, double six totally automated parlor, 1,500 gal. bulk tank, large, new machine shed. 5 car garage, in ground fuel tanks, beautiful home, secluded setting. Cattle, some machinery available.
717-222-4432

150 acres m/l, **NORTHUMBERLAND CO.** East of Milton, near Washingtonville, near growing Amish community. 130 acres m/l tillable, 4 acres spring fed lake, 1 mile m/l road frontage Large brick house, 2 barns & silo. Immediate possession available. $220,000.
717-291-9756

The private rural location enhances this older two-story farmhouse on 20 acres. Four bedrooms for growing family, solar heat, barn. Quiet country living.

BEARD REAL ESTATE
403 E. Main St., Elkland, PA 16920
(814) 258-7117
Eric L. Beard, Broker
Mary C. Heitzenrater, Sales Associate

Century 21
Pace/Pace
ATTENTION FARMERS

207 Acre farm in Juniata County, house, barn, $195,000.00. Will sell 50/100 or other combination of acres. For details call

Ernie Pace
(717) 957-3866

150 ACRE DAIRY FARM
Room for 150 Cows. Zoned agricutlural & commercial. Lebanon, PA. Price negotiable.
717-866-4088

WANT TO PURCHASE
Farms in Lancaster Co.
717-393-0646
Ask For Dave Skidmore

FARM FOR SALE
Lancaster Co.
53 acres, 40 tillable, meadow, stream, large double house, large bank barn, silo 20x60 Bunk feeder's and unloader A beef cattle farm The barn can easily be converted into a dairy Ideal location between Manheim and Elizabethtown. Mt Joy Township. E'town school district Also a large tobacco shed, 4 car garage and storage space Lots of road frontage Located near Chiques Church of the Brethren

Maurice E. Lehman, Broker
Lancaster, PA
717-394-2460
Daniel E. Snader, Agent
Leola, PA
717-656-7789

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the June 25 or July 30 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169
Kenn Davis	(814) 667-3636
Rachel Port	(814) 669-4194
Mel Rockey	(814) 466-6688

KISSINGER LEONARD & BROWER Realtors
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

NORTH CENTRAL PENNA

80 ac. operating dairy farm, 111 tie stalls, pipeline, 1000 gal. bulk tank, barn cleaner, 3 silos, heifer facilities, outbldgs, stocked pond, 6 bdrm house, LR, DR, kit, etc. Possible lease land available. Asking $145,000 #914

Combination restaurant & bar on main St, in a small town, all equipped, super clean, exc. local trade. A bargain at $118,000 #954

85 acre Dairy Farm near PA Grand Canyon, 36 tie stalls, 14x50 silo with unloader, bulk tank, barn cleaner, 2 story home, 6 miles from Wellsboro. Asking $130,000 #964

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

SCHUYLKILL COUNTY FARM...

370 acres... 2 sets of buildings, nice set up! Possible sale of lesser acreage... Call For Information.

DAUPHIN COUNTY FARM...

139 acres (+/-)... With a 40x400 turkey house. A nice large house. Property touches a large body of water and has an incredible view!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

DAIRY FARM FOR SALE BY OWNER
Located In Bradford Co., PA

133 acres tillable on good state highway in clean and green Has a working shale pit and annual renewable gas lease

House 8 room house includes 4 B/R and 1 bath. Natural gas hot air heat, 200 amp, good drilled well, septic, deck off living room and attached one car garage.

Tenant House: 8 room house includes 4 B/R and 1 bath. Propane gas heat (natural gas available). Drilled well, septic. Presently rented — tenant pays all utilities.

Barn: 306'x40' barn with 100 milking stanchions and 50 young cattle stalls. 1250 gal. bulk tank, pipeline, 2 barn cleaners, 200 amp, 2 silos - 24'x70' & 14'x40', both with unloaders, furnished office. (Barn completely remodeled with new addition of 136'x40' in 1979).

Other buildings: three corn cribs (2 wire 40 ton cribs & 1 wooden 90 ton crib) 2 storage buildings.

Survey prior to closing.

Call **717-297-3832**
or 717-297-3532

Century 21
Pace/Pace

New Bloomfield.....717-582-8104
Marysville 717-957-3866
West Shore 717-761-4220

Large four bedroom brick contemporary, situated on ten acres plus, mostly wooded with nice trout stream.

This home features many extras such as an artesian well with a ground water heat pump and central air-conditioning, central vacuum, cable TV and phone jack in every room, large mountain stone fireplace and much more. Priced at $139,000.

Located one quarter mile from Little Buffalo Lake, just outside Newport, in Perry Co. 30 min. from Harrisburg.

Call Douglas Major
Sales Agent
717-444-3371

Post & Beam Kit

2 bedroom, 1 bath, eat in kitchen, living room, 24x35* expandable, cathedral ceilings, post & beam peg frame, R28 insulation, thermal pane windows, $28,978*

*** Due to illness & major surgery, I am extending the deadline on the kit until August 1, 1988 and those of you that have responded in the last month please be patient.**

J.L. Buchet
516-862-7013

BARN BUILDERS

P.O. Box 265
St. James
L.I., N.Y. 11780

154 ACRE SHOWPLACE
York Co., PA

Ideal for farming or horses, pond, barn, pasture & exquisite 2½ story home plushly decorated throughout w/24x30 family room & stone fireplace. Suitable for the most demanding tastes Red Lion Schools. From Norman Wood Bridge north on 74 about 7 miles to Locust Springs Rd on right

ABC REALTY, INC.
717-854-1703

336 Acre Potter County Dairy Farm

78 cow pipeline, 3 silos, good corn & alfalfa ground. Good Milk Market.

814-848-9703

OWNER MUST SELL spacious 3 BR ranch on 5/8 acre in Perry County Large family room w/fireplace & large kitchen, breakfast bar and dining area, LR, sun room, garage, carpeted throughout, low taxes Many extras. School bus at driveway Move-in condition, walking distance to store, rest /car wash Ickesburg, RD Rt. 74, foot of Tuscarora Mts No Realtors. Must see to appreciate **$69,750**

Call AM or PM 717-438-3515

GENTLEMAN'S FARM on 35+/- acres Part remodeled farmhouse, 51x50' barn, ideal for horses, nice location, near town $85,900 (W334)

RENOVATED FARMHOUSE on 85 acres Spectacular setting, 2 ponds, 5 miles from town 1½ story house 2-3 BR, 1½ baths, FP & garage All new mechanical components, new roof $119,000 (W357)

16 ACRES OF TIOGA CO. Excellent hunting camp site w/views Near State Land $16,000 (W298)

SMALL ENGINE REPAIR w/all tools & inventory Shop, showroom, & 2 car garage & 2 outbuildings Ranch home w/4 BR, 2+ acres $130,000 (W347)

ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

LOG HOME ON 22 ACRES. Well + spring water New kitchen & bathroom, basement, 30x30 barn/garage Lovely private wooded setting near town $83,000 (M241)

WELL MAINTAINED 2 story home w/3 BR, eat-in kitchen & formal dining rm Oversized garage holds bus or semi Nice sized lot w/stream behind, $37,000 (M238)

BEAUTIFUL VICTORIAN home, 11 rooms, suitable for in-house business 2 garages, nicely landscaped, exc condition $69,500 (M229)

HIDE-A-WAY Old 2 BR farmhouse, gutted & insulated, w/new roof, waiting to be finished 7 acres, stream, hunting area $21,500 (M230)

ERA-Homestead Realty
Rt. 15 So, PO Box 276
Mansfield, PA 16933
717/662-3287

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33 ACRES, Nice site for camp or home, 13 ac tillable, 20 ac. woods Exc. hunting $16,500 (D572)

INVESTMENT OPPORTUNITIES.. This large building with restaurant, rental units & additional store space is located in small town in the middle of hunting & fishing country. $79,500. (D547)

COUNTRY HOME W/CHARM describes this 4 BR, 2 story house on large lot 30x40 garage w/work area $29,900 (D428)

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

HOMESTEAD REALTY

Mansfield 717-662-3287
Wellsboro 717-724-7161
Westfield 814-367-2222

WIMPLE ASSOCIATES

SMOOTH-RUNNING OPERATION: 193 acres in scenic area, 100 tillable, 50 pasture, 43 woods. Cows are housed in a 40x120' free stall and milked in a 42 stall pipeline barn Free stall barn has 120' overhead feeder and grooved floors. 1000 gallon tank. Attractive 8 room home with 1½ baths, 22x24 family room. Pool in the rear. $125,000 or $220,000 stocked and equipped. For appt call 607-792-3310 eve.

PRIVATE SETTING FOR THIS HOBBY FARM: 52 acres, 10 wooded, balance open. Stream runs through Wildlife pond. Real nice 9 room, 4 bedroom home with newly remodeled kitchen with built in appliances and vinyl siding. 30x50 barn JUST LISTED! $49,900. For appt. call 607-793-3355 or..

WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355.
FREE FARM CATALOGUES

PENNA FARMS

FRANKLIN CO.

108 Acres General Farm, w/bank barn, 70 crop acres, 25 wooded, 12 pasture, road frontage, stream, restored log 2 story dwelling w/L&S Stone exterior

105 Acre Beef Farm, 1 floor bank barn, 54x90 Morton bldg , 40x96 Agway bldg , 40x80 pole bldg , 3 BR frame & alum dwelling (needs repairs)

77 Acre Beef Farm, bank barn w/60x80 pole addition, 72x110 pole implement building, silo, limestone soil, NO DWELLING

CUMBERLAND CO.

145 Acre Dairy, limestone soil, 40 tie stalls, pipeline w/4 Surge units, bulk tank, stable cleaner, silo, heifer barn, garage and workshop, 4 BR frame and aluminum dwelling PRICE ADJUSTED This farm can be purchased in various tracts Call for details

115 Acre Beef and Hog Farm, farrowing unit w/ nursery and manure pit silos 2 story brick and aluminum dwelling

89 Acre General Farm bank barn, silo, road frontage, Yellow Breeches Creek through farm, 3 bedroom brick ranch w/2 car garage

75 Acre Wild Game Farm, 20 wooded acres, creek frontage, pond, bank barn, 3 BR brick dwelling, road frontage

Charles Wenger, GRI, 263-0945
Fred Willis 776-5369
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

THE REAL ESTATERS OF MANSFIELD

RD 1 Box 55, Mansfield, PA 16933
(717) 662-2138
Evening - 2363

MLS

GENERAL PURPOSE FARM

w/Nine room farmhouse. Bank barn out back for hay up and animals down. Across the road machine shop and equipment shed w/another barn with equipment down and hay up. Tremendous road frontage on town gravel roads. Centrally located to commute in several directions. $109,900. or possible subdivision. M-334.

OPERATING BEEF FARM

234 Acres. Nice mix of fenced pasture with shade and stream as well as tillable fields. Some woods. 2 story bank barn set up for beef, additional outbuildings for beef and machinery. 2 story 4 bedroom farmhouse insulated with wood and gas heat. Nice farm pond. $115,000. Additional 150 acres bordering farm, completely fenced at $350 per acre. Northern Tioga County. M-282

FARM NEAR STATE FOREST

Beautiful farm with older, partially remodeled, 3 bedroom, colonial style farm house. Needs a little tender loving care. Forty five stanchion dairy barn with silo & loader, on 105 acres Excellent well and spring, and a mountain stream running through the farm All of this in Leroy Bradford Co. near state lands. ~~$138,500.~~ M-315 Now reduced to $130,000.

REMODELED FARMHOUSE

Elegant 2½ story colonial, overlooks quiet country splendor. Located near Hershey, Pa. Dream kitchen, 6 bedroom, 3½ baths, 2 vast family rooms w/ fireplaces, heated swimming pool. 10 ACRES AT $210,000

717-867-5511
V. Carl Gacono Real Estate & Insurance

BEEF FARM SOUTH CENTRAL PA, VILLAGE OF NEWVILLE

80 Acre working cattle farm, bank barn, outbuildings, silo & year round stream. 4 Bedroom 2 story older log home, woodstove heat. Alot of potential in a quiet & secluded area. $160,000. Call Brad Fickes, B-H Agency, Realtors/ Better Homes & Gardens (717) 243-1000 or (717) 776-3318

Potter Co.

191 acres, large 40x140 65 free stall dairy barn w/large hay storage above 3 bedroom home, 30 corn, 70 acres hay, 91 acres woods, $79,000 Owner wants to sell make offer

So Northumberland Co & Surrounding Counties

THESE PROPERTIES CAN BE BOUGHT SEPARATE OR ADJOINING

300 Steer Feed Lot, 3 Harvestores, bunk, fence pasture with stream thru, only $79,000

3½ acre farmette, large 6 bedroom double home plus 2 bed room apartment Also 3 bedroom home, plus large bank barn & stream $49,000

180 acre farm, 2 excellent homes, bank barn plus outbuildings, 84 tillable, 15 pasture, balance in marketable timber Pond & stream, excellent water supply $200,000

150 Acre beef farm, 2 homes, 125 tillable, 200 steer feed'ot 20'x 50' and 20'x 70' Harvestores, 8 000 bu corn storage large corn crib, 125' machine shed $219 000

25 acre dairy for rent, 34 stanchions 2 silos, stream, 20 hay 5 pasture Reasonable w/owner to help with improvements

Dauphin Co.

Lykens Valley, 80 acres, 75 tillable, house & barn $185,000

Lykens Valley, 100 acres, 89 nice level tillable acres, 3 to 4 bedroom home, large kitchen w/wood stove, bank barn plus new barn, liberal owner financing $225,000

5 miles south of Danville off of Route 54

120 acres, over 5000 feet road frontage, stream, no house $169,000 Also 27 acres, surveyed for 45 lots city water and sewage Owner Financing

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758 9177

KANDELITE INN RALSTON, PA

Rt. 14, 23 miles north of Williamsport. Tastefully decorated, great clientelle, excellent hunting & fishing. Real estate and liquor license, $130,000.

717-995-5666
or write Box 226
Ralston, PA 17763

I have buyers for 100 Acres level land, 200 acres beef farm, large dairy farm. Also fruit farms and development land.

Van Cleve Real Estate
915 Mondale Road
Lancaster, PA 17601
717-392-3032

WEST SADSBURY FARMETTE

w/4.4 acres & buildings. House is 5 years old & has 4 or 5 bdrs., 1½ baths, plus another unfinished bath, custom kitchen, 2 car garage. A 50,000 layer chicken house, 395x44, that is 8 yrs. old. Many possibilities w/ industrial, commercial zoning, Octorara School. $375,000.

HOSTETTER Realty
717-442-4114
717-354-6416

SANFORD G. LEAMAN, REALTOR

717-569-4264
Auctioneer
ESTATES • APPRAISALS • LIQUIDATIONS
101 White Oak Dr., Lancaster, PA 17601

We Will Market Your Farm By Auction Or Brokerage. Call Sandy Leaman For The Best Way To Market Your Farm. Please Call On Our Toll Free Hotline 800-528-5832 Ext. 264

Union Co.
85 acre dairy with 48 stanchions, bulk milk tank, nice 4 bedroom house in the Harleton area Priced at $185,000 Be the first to see it Call Sanford Leaman at 800-528-5832 ext 264 or 717-569-4264.

Lycoming Co.
247 acre modern dairy operation with sales room for juging operation. There are 133 free stalls, 62 tie stalls with pipeline milking system There is a large 100 head capacity, young stock barn, 3 silos 20x70, 20x60, 22x60 with roller mill and mixer, 40x100' machine shed and all other needed facilities Large modern farmhouse with 5 bedrooms and 1¼ baths Call Pete Zeisloft at 717-437-2305 or Sanford Leaman at 800-528-5832, ext. 264

Columbia Co.- Dairyman Special
Excellent 40 Stanchion Dairy Farm with tile trough, barn cleaner, Sealstor 16x44 silo, bulk milk tank, lg. 9 rm 2¼ story dwelling with modern cherry kitchen, formal D.R., den, lg. living room w/ cherry wood floors This farm has 16 acres and is ideal for a farmer who wants to buy feed and be a successful dairyman Call Pete Zeisloft, 717-437-2305.

Juniata Co.- Great Low Cost Opportunity
45A 39 stanchion dairy farm with all buildings new since 1977 including 38x140 barn, 16x50 silo, 24x48 barn, barn cleaner, 770 gal. milk tank, bulk feed bins, 3 bedroom ranch house, 10 yrs old. Call Dick Crawford, 717-734-3673 for all the details

Huntingdon Co.- Dairy Farm Family Special
Large free stall dairy farm presently milking 90 and averaging in excess of 21,000 lbs There is 270 Ac total, 100 Ac pasture and woodland. Balance is very excellent alfalfa and corn farmland Two homes in excellent condition, rentable land as well to make this a fine family operation Call Sandy Leaman at 717-569-4264 or our toll free number - 800-528-5832, Ext 264

"We Serve Your Farm Needs"

Call

Richard B. Crawford- 717-734-3673- Juniata, Perry and Franklin Counties.
Milton Huber- 717-299-5136- Lancaster, York, Cumberland, Franklin and Perry Counties.
Sandy Leaman- 717-569-4264- Lancaster County and Any Other County.
Ken Young- 717-426-1098- Lancaster and Dauphin Counties.
Paul "Pete" Zeisloft- 717-437-2305- Columbia and Northumberland Counties.

36 REAL ESTATE

2,230 ACRE GAME PRESERVE, Lycoming County, PA $1,100,000 Two hunting lodges, some cropland, 22 miles of well maintained gravel roads Call Nelson Ebersole 717-867-5221 SUBURBAN REALTY FARM DIVISION 717-867-4487

WE NEED DAIRY FARMS LOCATED IN SOUTHERN AND CENTRAL PENNSYLVANIA

SPECIAL FARMETTE
27 Acres in a Historic town of Lancaster County Victorian 2-story brick home, small barn, fenced for horses Priced at $143,900

NEW LISTING GENTLEMANS 6.8 ACRE FARMETTE
Northeast Lancaster Co stone 4 BR country home, circa 1800, overlooking a beautiful 20' wide stream Ideal small barn, 3 car garage, 3 acres tillable plus pasture $225,000

19 ACRE FARMETTE
Short drive south of Lancaster, 2½ story 3 bedroom home w/bank barn, 3 car garage, pole cattle building, completely finished for cattle or horses Very unique ideal gentleman farm Priced at $221,900

BEAUTIFUL 3 ACRE, stone, old, fix-up home, nice setting South of Millersville, Lancaster Co Priced under $100,000

KINGSWAY REALTY
717-569-8701

Potter County

54 Acres - cabin shell Borders Oswayo Creek -$22,000.
Millport home, garage - and camp -$35,000
Roulette Township - 10 Acres borders Fishing Creek - $12,500
Oswayo Township Camp - 2 bdr $14,900
Oswayo Acreage 20 Acres of mountain land - $10,900.
Shinglehouse area camp and pond - $16,500
Millport bungalow - near Oswayo Creek - $14,900
Shinglehouse homes - Prices range - $21,500 to $53,000.

Contact:
Robert L. Watterson,
Associate Broker
R.D. #1 Box 1064
Shinglehouse, PA 16748
Phone: 814-698-2300

FARMERS/REALTORS
I have some nice farms listed and some that are not on the market -- call me for details.

FARMERS
I am looking for farms in Juniata, Huntingdon, Lancaster & York for farming purposes.
I am looking for land in Chester, Montgomery, Lancaster, York & Berks for developers.
Before you list -- call us!
We will work to get top dollar for you.

REHRER & ZUBER REALTY
(215) 495-0900
(215) 385-6006
Greg Whedbee, Realtor Associate
(215-286-0536)

123 Acre Farm For Sale By Owner

Located in the heart of the Cumb. Valley, Shippensburg, Pa. Limestone house built in 1804. Excellent condition. 5 fireplaces including a walk-in fireplace. 1½ baths, hot water heat, open stairway and tested well water. 50 + 75' barn, bottom part changed over for warehouse with stable for cattle. Out buildings in very good repair and land in good state of fertility. 20 acres pasture, fenced in, with cattle corral. Farm has beautiful view across valley.
Only interested parties call for appointment.
Don Crouse
Phone: 717-423-5260

PRICE REDUCED
CARROLL CO. DAIRY FARM
Highly productive, 211 acre dairy farm, 155 acres tillable, Double 8 Herringbone, Bou-Matic milkers, automatic take-off, 2000 gal. bulk tank, 120 free stalls, 2 concrete trench silos and Agway gravity flow manure storage. Remodeled brick farm house with in-ground heated swimming pool, plus a 4 year old 3 bedroom rancher. Lease on Harvestore silos can be continued by buyer if desired. Price $675,000.
Call Bob Jones
301-848-7687 or 301-876-6161
RECK REAL ESTATE, INC.
Westminster, MD

FRANKLIN COUNTY
147 Acre M/L Dairy Farm, level land, road frontage. 2½ story house, 2 barns, overlooks the Cumberland Valley. Only $198,000.

For information on this farm call or write ATTENTION ED MEYER for a FREE BROCHURE.

GARMAN REALTY
ERA
50 Alexander Spr. Rd.
Carlisle, Pa. 17013
717-249-7200

Century 21

Pace/Pace
New Bloomfield.....717-582-8104
Marysville.....717-957-3866
West Shore.....717-761-4220

"LOG HOME"
For Sale
Located in Franklin Co. one and one half miles from the Willow Hill Exit (14) of the PA Turnpike, one mile off Rt. 75.
Nicely secluded ten year old, three bedroom rancher on ten plus wooded acres of marketable timber. Large central chimney with fireplace and woodstove. Full basement with new oil furnace, one and a half baths, one car garage. $69,000.
Call Douglas Major
Sales Agent
717-444-3371

ARE YOU LOOKING FOR WOODED LAND FOR HUNTING OR CABIN SITE?
We have 41 acres, 66 acres, 80 acres, 98 acres of ideal woodland. Northumberland County.
Call
Century 21 - Central Penn
Ask For Martha Ross **717-374-2121**
or call Martha Ross at **717-286-0215**

PLAIN VIEW FARM
One of the finest farms in Kent County Maryland. This productive 570 acre farm boasts two brick dwellings dating to the 1700's, a 5 acre pond, inground pool, miles of road front and abundant storage and barn facilities, outstanding crop yields and excellent long-range development potential, located convenient to Chestertown.
Long and Foster
Chestertown, MD 21620
Call collect 1-301-778-3113

Stevens Real Estate
Sales - Listings - Appraisals
P.O. Box 94
Gaines, PA 16921
(814) 435-6558

WALK TO STATE LAND
From this wooded 9+ acre lot. Good road frontage. Ideal campsite or homesite. Excellent trout fishing nearby $10,000.00.
G-4510

OWNERS REGRET HAVING TO LEAVE -
This remodeled 2 story home on 11 acres All 3 bedrooms are large. Excellent location. Close to small town yet plenty of privacy. Just listed at..... $69,000.00
G-4509

INVESTMENT OPPORTUNITY -
Small Trailer Court. 11 pads, 8 mobile homes plus a modular with full basement Municipal sewer and 2 wells. Approximately 3 acres. Located on edge of Wellsboro..... $125,000.00
G-4442

GREAT STARTER HOME OR INVESTMENT -
Major remodeling completed with quality workmanship. This 3 bedroom, 2 story home has great possibilities. $28,900.00
G-4458

THE PRICE IS RIGHT!
This camp on 1 acre needs some repair but basically in good shape. Easy access. Walk to Pike Creek. All utilities.
Only..... $14,900.00
G-4445

Longacre

SCHUYLKILL COUNTY
• 234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference
PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

TIOGA COUNTY
• 351 Acre dairy farm, 325 tillable, features large 2 story dairy barn, 230'x42' w/hay storage on 2nd floor, three 2 story homes all in good condition, 2 machinery sheds, 4 car garage, level land, $385,000.

BRADFORD COUNTY
• 200 Acre Dairy Farm, with large 5 bedroom Victorian home sitting on a knoll, surrounded by 200 year old trees, excellent condition, pond & stream, 2 new Harvestore silos, 70 cow dairy barn, long fields, good soils, immediate occupancy. $325,000.

• 370 Acre Dairy Farm with 70 stalls, pipeline milker, 1500 gal. bulk tank calf & heifer area, 2 story home completely remodeled, kitchen, dining room, living room, 4 bedroom & bath, hardwood floors, small stream, $400,000.

• 343 Acre Dairy Farm, 200 T. w/76 stall large dairy barn with hay storage, pipeline milker w/800 gal. tank, barn cleaner, heifer barn, machinery shed, 3 silos, 20x55 conc., 18x55 conc. & 20x33 Harvestore. Lovely 2 story home with 4 bedrooms & 2 baths, eat-in kitchen, living room, laundry & full basement, swimming pool w/sundeck, $375,000.
Full line of cattle & machinery available.

• 500 Acre Dairy Farm, 450 tillable, features 184 freestall dairy barn, 125 stall heifer barn, double-8 milking parlor, two 1,000 gal. bulk tanks, two 100' bunk feeders, three 24x60 and one 20x60 concrete silos w/unloaders, lovely 4 BR home w/kitchen, LR, FR, office, den, laundry & bath. 2nd home 3 BRS & bath Spring fed pond & much more. Call for details, $650,000. Cattle & machinery available.

Aching for Acreage? Twenty acre gentlemens farm with a lovely 4 bedroom farmhouse with a huge country kitchen, open stairway in the living room, 3 car garage, 52x36 barn and more. The land is partially tillable, some woodland and a stream Excellent north of Lancaster location.

CENTURY 21
Hoffer & Associates
95 N Reading Road
Ephrata, PA 17522
(717) 738-4261

WHAT A GREAT DEAL!
175 Acre NYS Farm

with unbelievable country home, 3 BR. Everything has been done right. Worth $100,000 alone.

Also has barn suitable for dairy, beef or horses and new machine shed. Over 1 mile of road frontage on good road. This place has many, many possibilities. Must be seen to be appreciated. $157,000

Mel Manasse
Licensed Real Estate Broker
Whitney Point, NY
607-692-4540

BLAIR CO. FARMS

OUTSTANDING DAIRY FARM located in Morrisons Cove area near Martinsburg! Modern dairy setup! Priced very reasonable!

112 ACRE FARM, currently a horse operation! 60'x136' free span building attached to conventional barn. Home features country decor with 2 fireplaces! Trout stream! Adjoins above farm!

BEDFORD CO. FARM

140+ ACRE GENERAL FARM, large pond and excellent home and buildings! Picturesque setting!

REALTY CENTER
James R. Michelone, Realtor
(814) 832-3665
or (814) 695-8696

PERRY COUNTY
144 acres of woodland, stream. $575 per acre.

FARM & HOME REALTY
East Petersburg, PA
717-569-3992

Sylvester Baum 717-776-3967
Harlan Keener 717-464-2669

Broker- J. Irvin Denlinger
717-898-8962

FARMS FOR SALE

Maryland's Eastern Shore
187 acres, 182 tillable, older farm house $395,000
220 acres, 207 tillable, $683,000
186 acres, 108 tillable, two 5 acre ponds, excellent hunting $437,000
41 acres, 18 tillable, pond, brick rancher, $225,000.

KENT CREEK REAL ESTATE
Galena, MD
301-648-5656

NEW LISTING
DAIRY FARM
190 acres with 90 tillable, 32x100 dairy barn with 40x44 new addition, 58 tie stalls, pipeline, 2 silos with one unloader, 100 ft. mow conveyor, nice modern 4 bedroom, 1¾ baths home thats only 11 yrs. old. Call for more details.

Endless Mt. Real Est.
RD #1, Box 203 - A
Covington, PA 16917
Office Ph. 717-659-5684
Richard Chamberlain Broker 717-549-4173
Jake Ensminger Res. 659-5245
Bill Smith Res. 549-5146
Don Chamberlain Res 549-4721

LANCASTER AREA
REAL ESTATE WANTED

LET US SELL YOUR FARM:
We Need Farm Listings - Call Us To Market Yours!

RESIDENTIAL DEV. PROP. WANTED
We Are Looking For Residential Developments. Call Us!!!

Jack Gaughen Realtor
Call Ralph Clemans
717-393-0403
1500 Lititz Pike
Lancaster, PA

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54 ACRES GOOD FARMLAND & PASTURE
Adjoining the Tulpehocken Creek, (good water supply). Lebanon Co. Price negotiable.
717-866-4088

BEAUTIFUL FINGER LAKES AREA

STEUBEN CO. - 50 Acres Development Land, 2 Story Home, Upper Level, 7 Rms , 2-3 Bdrms, 2 Baths, Eat-in-Kit w/built in appliances, Large Liv Rm w/Cathedral Ceiling, Din Area, Plush Carpeting, Front Deck, Secluded, $150,000 #2784

STEUBEN CO. - 32 Acre Farmette, 8 Rm House, 3 Bdrms, Large Liv Rm , Din Rm, Eat-in-Kit w/Built in Appliances, New Bath,2 porches, 46'x32' Barn w/ New Siding, 2nd House 4 Rms, Like New, Great for Income Property $90,000 #2786

STEUBEN CO. - 310 Acre Dairy Farm, 20 Ac Forest, 25 Ac Pasture, Bal Tillable, 100 Freestall, Several Out Bldgs , Silo, Double 4 Herringbone Milking Parlor, Badger Feeder & Conveyor, Automatic Take Off, Automatic Washer, 4 Bdrm Home, $215,000 #2755

STONEY BROOK NEAR - 20 Ac Surveyed, 10 Til, 10 Forest, $18,000 Owner Will Divide into Two - 10 Ac Parcels, $9,000 Each, Terms, #2788

STEUBEN CO. - 76 Ac ½ Tillable, 8 Ac Forest, Pond, Stream, Excellent Investment for Recreational Purposes #2782

WRITE FOR FREE BROCHURES

MAKITRA REAL ESTATE, INC
4 West Steuben St. Bath, N.Y. 14810
Hrs., 8 to 5 (607) 776-6665
24 Hr. # (607) 776-2468
For After Hrs. Apt. Call (607) 776-2386

Snyder County
48 Acre Dairy Farm, House, barn, includes all equipment and cows
45 Acres, of tillable land, 3,200 sq ft home, small barn with corral Unique property, $140,000

Montour County
11.89 Acre Game Farm Operation, 4 bedroom home, barn, deer pen, other pens, pond, pasture and wooded area, $79,000

Juniata County
Dairy Farm, 144 acres well equipped, 4 bedroom house, private setting

Mifflin County
136 Acre Dairy Farm, fully equipped, 50 cow barn plus 2 houses, 110 acres tillable, $296,000

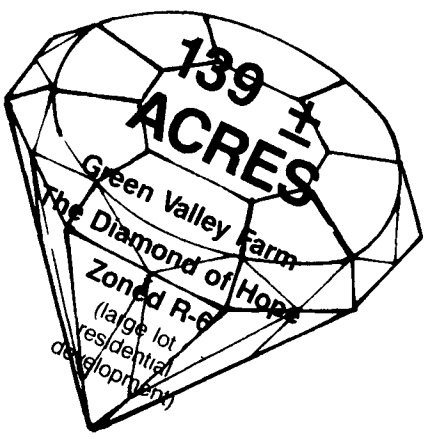
Union County
150 Acre Farm, house, barn, many outbuildings, very nice

Integrity Real Estate
717-837-1061
717-966-3851

REAL ESTATE PUBLIC AUCTION

Thursday
July 14, 1988

Hope Twp.,
Warren Co., NJ



A hidden community of natural splendor offers yesterday's unspoiled beauty to today's seekers of the quiet tranquility for which Hope is renowned. Rich fertile farmland, the famous Beaver Brook, and stately forests graced with wild turkey, deer and native otter await those who are searching for that one special place of peace and beauty. Just 2 miles from I-80, Green Valley Farm is "one of the finest property offerings in the northeastern United States."

Max E. Spann
Realtors
Auctioneers

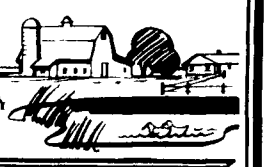
Inspection by appointment
COLOR BROCHURE
201-234-2500

HERITAGE REALTY GROUP INC MLS
1525 Science St , State College, PA 16801
814-231-0101

"FARM PEOPLE SERVING THE FARM COMMUNITY'S REAL ESTATE NEEDS."

Contact: DON C. MYERS
Residence: (814) 422-8111
ROBERT A. CONNOLLY
Residence: (814) 383-4336

FARM & RURAL PROPERTY DIVISION



CENTRAL PENNSYLVANIA FARMS AND FARMETTES

BLAIR COUNTY

#131 FA - GENERAL FARM - TYRONE AREA - $277,500
* 245 Acres (171 tillable, 8 pasture, 66 woodland, 7 site) Very productive tillable land
* Sound 2½ story brick house, tenant house, 67 x122 steel 2-story bank barn sound garage
* Small pond near house some Juniata River frontage

CENTRE COUNTY

#2325 FL LARGE ACREAGE WOODED TRACT - MILESBURG AREA - $698,500
* 1225 Acres - all wooded, substantial public road frontage
* Ideal for use by a hunting club
* Easily accessable from Interstate 80 Has subdivision possibilities 486 Acres can be purchased for $500/acre

CLINTON COUNTY

#260 FA - DAIRY or GENERAL FARM
* 136 Acres (63 tillable, 70 woodland, 3 site)
* Beautiful home, 2 barns with 1 suitable for a modern dairy operation implement shed, all extremely well maintained
* Productive, level to moderately sloping land, picture perfect setting, trout stream, woodland joining State forest

HUNTINGDON COUNTY

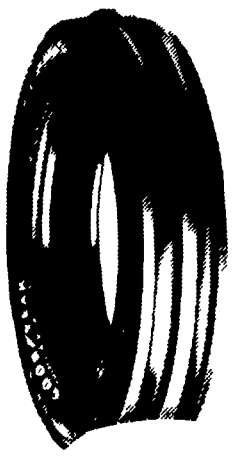
#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500
* 55+ Acres (45 6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

LYCOMING COUNTY

#171 FA - RIVER BOTTOM FARM - MUNCY AREA - $250,000
* 93 Acres (71 tillable, 22 woodland, site and roads)
* Excellent two-story stone and frame house, sound bank barn with 25 stanchions, bunk feeder, 26'x86' implement shed/shop combination, 3,500 bu steel grain bin
* Highly productive, Class I soil, substantial Susquehanna river frontage, irrigation potential

#135 FA - LIVESTOCK & HOG FARM (Convertible to Dairy) - LAIRDSVILLE AREA - $297,500
* 270 Acres (165 tillable, 25 pasture, 85 woodland & site) tillable land is relatively level and productive, good growing season
* Sound, aluminum sided 2½ story home, large bank barn with 60'x120' -one-story attachment, 20'x60' Harvestore silo
* Substantial road frontage and stream frontage Approx 25 miles east of Williamsport Owner will subdivide and sell with reduced acreage

DETAILED BROCHURES ARE AVAILABLE FOR EACH OF THE LISTINGS ABOVE. THEY MAY BE VIEWED ON VIDEO TAPE AT OUR STATE COLLEGE OFFICE (Many land parcels and cabins available - PRICE LISTS)
Be sure to visit our Ag Progress Days Display. Now is an excellent time to list, to receive professional exposure of your property at the show.



FRONT TRACTOR

3 Rib

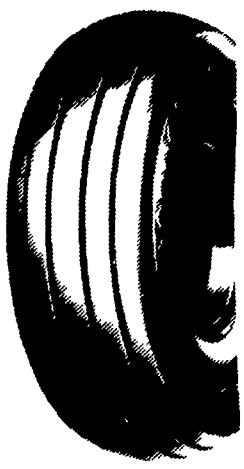
600-16 4 Ply TT	$40.00
600-16 6 Ply TT	$45.00
650-16 4 Ply TT	$47.00
650-16 6 Ply TT	$51.00

4 Rib

750-16 6 Ply TT	$57.00
95L15 6 Ply TT	$63.00
11L15 6 Ply TT	$75.00
11L15 8 Ply TT	$79.00
1000-16 6 Ply TT	$79.00
1000-16 8 Ply TT	$84.00
1100-16 6 Ply TT	$98.00
1100-16 8 Ply TT	$100.00

Dyna Rib Premium

14L-161 6 Ply TL	$219.00
14L-161 10 Ply TL	$225.00



Farm Utility Wagon Tires

95L15 6 Ply TT	$45.00
95L15 8 Ply TT	$48.00
95L15 6 Ply TL	$49.00
95L15 8 Ply TL	$52.00
11L15 6 Ply TT	$47.00
11L15 8 Ply TT	$49.00
11L15 6 Ply TL	$51.00
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12L15 10 Ply TT	$69.00

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184R34 ★	$428.00
184R38 ★	$498.00
208R38 ★	$678.00

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136-28 4 Ply	$175.00
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169-38 6 Ply	$319.00
184-34 6 Ply	$325.00
184-38 6 Ply	$369.00
184-38 8 Ply	$399.00
208-38 8 Ply	$529.00

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- Designed for improved stability and road-ability, plus reduced vibration
- Strong angle-braced lugs have self-cleaning design
- High-strength polyester cord body, and heavy duty rim shield protects tire from damage

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Goodyear Commercial Tire Center 165 Keystone Rd Lancaster, PA 215-494-2160	**Horlacher & Sherwood** 153 E Tioga Tunkhannock, PA 717-836-1116	**Henry Tire Service** 3108 W Mkt St York, PA 717-792-9779	**Automotive Service** 1350 Schuylkill Ave Reading, PA 215-374-3414	**Goodyear Commercial Tire Center** I-81, Rt 39 Harrisburg, PA 717-657-1005
Goodyear Auto Service Center 260 W Hamilton Ave State College, PA 814-238-4955	**P. Lebzelter** Rt 72 & Lausch La Lancaster, PA 717-569-3776	**Dices Tire Shop** 1421 Lincoln Way Chambersburg, PA 717-264-9312	**Martins Service** W Main St Waynesboro, PA 717-762-5913	**Sunbury Frame** 5th & Arch Sts Sunbury, PA 717-286-4921
Service Tire Truck Centers 99 Whiteman Rd. Reading, PA 215/921-8473	**Kirkwood Tires, Inc.** 1929 Kirkwood Hwy Newark, DE 302-737-2460	**Klingerman Bros.** 555 E 7th St Bloomsburg, PA 717-784-4285	**Yoder Tire Service** RD #1 Towanda, PA 717-265-3635	**Pat & Red's Tire Serivce, Inc.** 107 Brown St E. Stroudsburg, PA 717-424-6178
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And now, until Sept. 30, 1988, we've added two more!

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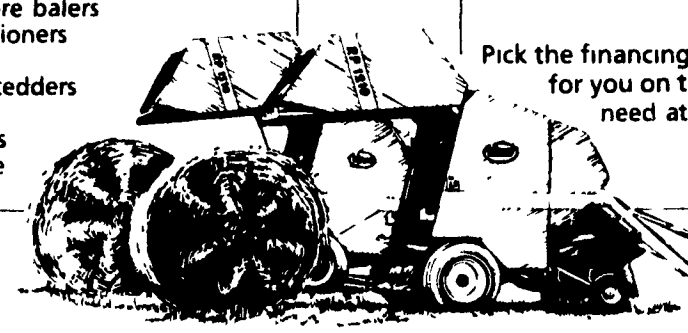
- Disc Mowers
- Tedders/Rake-tedders
- PTO Rakes
- Trailer sprayers
- C-Shank S-Tine Cultivators

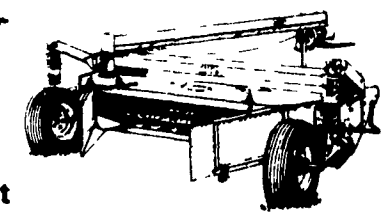
or

REASON #2

Take advantage of Vicon's new, low rate finance program.

Pick the financing option that's best for you on the equipment you need at low, low rates!





We want to help you lower the cost of farming. Find out how little it costs to move up to hardworking Vicon equipment from your participating dealer, today.

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Indiana County Dairy Princess Begins Reign

CLYMER (Indiana) — Bonnie Kirkland, daughter of Mr. and Mrs. Harold Kirkland of Clymer, was crowned Indiana County Dairy Princess on June 18, at McVitty Auditorium on Indiana University of Pennsylvania Campus. Bonnie is 16-years-old and will be both a senior at Marion Center High School and a Cosmetology Student at Indiana Vo-Tech School. She plays on the volleyball team. The Kirkland's farm 197-acres and have 65 holsteins and milk 40 cows.

The alternate dairy princess is Coleen Bruner, daughter of Mr. and Mrs. Clark Bruner Sr. of Blairsville. Coleen is the president of Gordon 4-H Club. Coleen is in various 4-H clubs because she likes, flower arranging, cooking, baking and gardening. She works part time at Ridgeview Veterinary Clinic. She is also a junior volunteer at Indiana Hospital. The 17-year-old girl will be a senior at Blairsville High School in the fall. She wants to study veterinarian science.

Master of ceremonies was Ray Goss, from 1160 radio station. Mr. Goss introduced our 1987 Dairy Princess Cindy Deabenderfer. Cindy gave her farewell address and told about her 90 school promotions 40 newspaper articles, 23 radio spots, 17 store promotions, 7 farm groups, 14 non-farm groups, and 11 special events. Cindy did a total of 202 promotions.

Judges were Sherry Shaffer, Nancy Covert and Robert Covert all from Jefferson County.

Indiana County did something new this year. They had a parade of future dairy princesses between the ages of 8 and 12 years old. Lindy Beatty our 1987 alternate introduced the following little girls and Cindy Deabenderfer our 1987 Dairy Princess gave the girls a flower. The girls were Jessica Abel, Kristy Kirkland, Julie Lockhart, Rebecca Meyer, Katie Stenman, Sara Stewart, Tara Thompson, and Amy Trimble.

A cake, milk punch, and make-your-own ice cream sundae social followed the pageant.

Left: Coleen Bruner, alternate, and Bonnie Kirkland, princess, anticipate promoting dairy products in Indiana County.

Onondaga County Princess Wins Contest

Syracuse (New York) — The 1987 Onondaga County Dairy Princess, Karen Trinder, and her court were the winners of the Gourmet Cheeseburger Promotional Contest. The contest was sponsored by the American Dairy Association and Dairy Council (ADADC) and the New York State Beef Council.

Dairy princesses across New York State made grocery store appearances throughout the month of April promoting both the beef and dairy industries. The girls received one point for every hour spent in the store. Trinder and her court successfully completed 72 hours of promotion.

Seven counties in New York actually took part in the contest, accumulating a total of 195.5 promotional hours. The contest was an extension of the promotion done nationally during the month of April by the National Beef Council and ADADC, which featured Willard Scott.

According to Jerry Reed, Executive Director of the New York State Beef Council, the contest was a side promotion used to increase exposure in the retail market. The appearances made by the princesses were extensions of the in-store displays already in place. The girls worked in teams of two, one at the dairy case and one in the meat department. Each girl handed out recipes that used both beef and cheese and answered questions posed by shoppers.

For her efforts, Karen and her court (which includes Laurie Blum, 1987 Alternate Dairy Princess, Michele Parker, Dairy Maid, and Suzie Carter, Dairy Maid) received $750 for promotional materials. Cayuga County came in second and received $500 for promotional materials. Schoharie, Broome and Oswego counties each received a $150 credit to their ADADC accounts for being runners-up.

ADADC is a dairy promotion organization representing 20,000 dairy producers from New York, New Jersey and Pennsylvania.

Onondaga County Dairy Princess Receives Award. Karen Trinder, right, 1987 Onondaga County Dairy Princess receives a check for $750 from Jerry Reed, left, Executive Director of the New York State Beef Council. Trinder and her court were the winners of the Gourmet Cheeseburger Contest sponsored by the American Dairy Association and Dairy Council and the New York State Beef Council.

Potter County Crowns Peggy Tomb

ULYSSES (Potter) — Peggy Tomb, the 17-year old daughter of Alfred and Eleanor Tomb of RD #1 Ulysses, was crowned 1988 Potter County Dairy Princess during ceremonies held June 24 in the Ulysses Community Building.

Lorie Angood, 15, was chosen as Dairy Maid. She is the daughter of David and Lorraine Angood, Ulysses.

Peggy received her crown from 1987-88 Potter County Dairy Princess, Betty Jo Douglass, of Sabinsville during the annual ceremony.

Peggy will be a senior this fall at Northern Potter High School where she participates in track and cheerleading. She has been a member of the Dairywide 4-H Club for seven years. Her projects include dairy, beef, and swine. Peggy participated in the 4-H Exchange program last summer and visited Kansas. She also attended 4-H Capital Days in Harrisburg this spring.

From left to right: Lorie Angood, 1988 Potter County Dairy Maid, Peggy Tomb, 1988 Potter County Dairy Princess, and Betty Jo Douglass, 1987 Potter County Dairy Princess.

Cropland Terraces Help Farmers

LEESPORT (Berks) — With today's economy, would you like to farm your land as intensively as possible? If so, consider installing cropland terraces says Roy Shryock, conservation technician of the U.S. Soil Conservation Service.

A terrace is a ridge and channel constructed across the slope to intercept surface water runoff. By shortening the length of slope and directing the runoff to a stable outlet, such as a waterway or subsurface drain, there will be a reduction in soil and fertility losses as well as preventing the forming of rills and gullies.

Terraces with underground outlet of tile have the channel graded to the outlet, however, the ridge is usually built level to provide capacity to store the design storm runoff. The outlet is designed to remove the runoff gradually but soon enough so that crop damage will not occur.

Terraces should be laid out parallel to each other, approximately 150 feet apart to meet equipment use in the area. Location of grassed waterways and underground tile line further help in aligning terraces and smoothing out curves.

Interested in protecting the land you own from serious topsoil erosion problems, you should consider cropland terraces as part of your farm management system. For information on terraces contact the Soil Conservation Service at Berks County Agricultural Center in Bern Township.

HAPPENINGS

Cedar Crest

Ten students from Cedar Crest High School, Lebanon County, recently attended The Future Farmers of America Activities Week at Penn State, where they competed in state FFA contests. The Cedar Crest parliamentary procedure team took top honors by defeating eight other finalists from across Pennsylvania. The other competing teams in order of finish were Garden Spot, Kennard Dale, Fort Cherry, Mifflinberg, United, Selinsgrove and James Buchanan. The team had to correctly demonstrate parliamentary abilities in a twenty minute mock meeting. The team was also scored on poise of its members, their speaking ability and their ability to field questions and motions from opposing team members.

Members of the winning group were Mardell Boyd, Todd Balsbaugh, Colette Hower, Brian Boyd, Ammon Peiffer, John Risser, Jim Houser and Brian Knapp. To participate in the state contest, Cedar Crest had to defeat teams in county, area and regional contests. By copping the state title, the team will receive a plaque and $600 as well as a chance to participate in the national contest in November.

In other contests involving Cedar Crest FFA'ers, Chris Long, Grace Ave. Lebanon, won a second place gold medal for his recitation of the FFA creed and the chapter's scrapbook was rated as the best FFA scrapbook in the state. The Cedar Crest Chapter received a plaque and a check for the first place scrapbook. Crystal Fox, RD #7 Lebanon, was in the interview contest and placed 30th. Harold Berkheiser is the chapter advisor and chaperoned the Cedar Crest delegation on the trip.

More than 1,300 FFA students from about 200 schools were on the University Park Campus for the annual event, which is sponsored by the Pennsylvania Department of Vocational Agriculture and Penn State's Department of Agricultural and Extension Education. Students competed in more than 30 contests, ranging from livestock judging and farm business management to public speaking and agricultural salesmanship. They also took educational tours to the university farms, a local fish hatchery and to university museums.

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FAIR DAYS

Baltimore County 4-H Fair

4-H Club members from throughout Baltimore County are busily preparing exhibits and animals for their 24th Annual County 4-H Fair to be held July 12-16, 1988, on the State Fairgrounds, in Timonium, Maryland. Fair hours will be 8:00 a.m. 'til 10:00 p.m. daily, with FREE ADMISSION and FREE PARKING! You won't find midway rides but you will find plenty to see and do each day!

FREE ENTERTAINMENT is scheduled, from 6:00 - 10:00 p.m., each evening in the Cow Palace Show Ring. Tuesday evening, 7:15 p.m., the fair will open to the public with the crowning of the 1988 Farm Queen, followed by the auction of champion and blue ribbon baked goods where pies, cakes and breads will go to the highest bidder for the benefit of the fair. Wednesday evening, the 4-H Style Revue will precede the lively, toe-tapping tunes of The Peabody Ragtime Ensemble. On Thursday evening, "round-up" all the neighborhood kids and come to the fair to watch the beef cattle show, the sheep shearing and sheep dog herding demonstrations and then settle back for the "easy listening sounds" of country-western, bluegrass music by the Carroll County Ramblers. From 5:00 - 9:00 p.m., on Friday, produce farmers from throughout the County will have their "field fresh" fruits and vegetables for sale, so bring your market baskets and your checkbook. Plan to stay to see the 4-H'ers receive their trophies at the awards ceremony, join in the Family Fun Night games and then wander on down to the sheep barn for the livestock auction. Bid on your choice of a steer, sheep or hog, "alive on the hoof" and then arrange to have it packaged as next fall's beef, lamb or pork dinner straight from your own home freezer. Early Saturday morning, the Tractor Operators Contest, the Pet Show, Turtle Race and Automotive Skill Driving Event are all scheduled before the Fair closes for another year at 12:00 Noon.

The Cow Palace will house the usual exhibits of food, clothing, photography, arts and crafts, science, flowers, vegetables, child care, home environment items, knitting, crocheting and the educational booths constructed by local 4-H groups. Rabbits and poultry will be on display in the Cow Palace throughout the Fair and be sure every boy and girl visits the petting barn. Beef, dairy, sheep, swine, goat, dog and horse shows are scheduled Wednesday thru Friday.

Food and beverages will be on sale at the Refreshment Stand in the Cow Palace or why not pack your own picnic lunch/supper and spend a day at the Fair with your entire family?

Tours for groups will be conducted through the Fair. Call Publicity Chairman, Fana Wolff (301-356-4006) or the Baltimore County 4-H Club Office (301-666-1025) for further information, tour reservations and/or a complete Time Schedule of Fair Events.

Allentown Fair

Allentown Fair Premium Lists, which explain exhibit entry procedures for this year's fair running August 30 - September 5, are now available at the fair office.

Requirements, deadlines and fees for entry in all the departments including animals, agriculture, domestics and fine arts are listed.

As an extra incentive for craft exhibitors, the fair is participating in Disneyland's "Best of States Exhibit Program" The fair will nominate five items to be considered for display in the California amusement park. The categories are quilts, home art, arts and crafts, photography and junior exhibits.

A special category in honor of this presidential election year has been added. Any interesting or unusual memorabilia from past elections will be considered for entry.

If interested in entering in any of the categories, please pick up a Premium List at the fair office behind the Ritz Bar-B-Q on the fairgrounds. If it's impossible to come to the office, write, The Allentown Fair 17th & Chew Sts., Allentown, PA 18104, and mark the envelope "Premium List Request."

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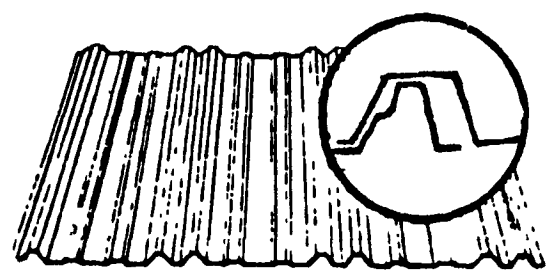

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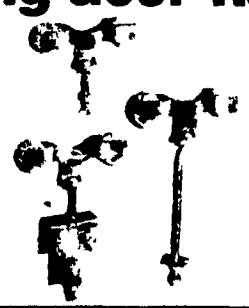

Galv. Trolley Hangers

FAIR DAYS

Snitz & Knepp Festival

The 12th Annual Snitz & Knepp Festival will be held on July 16th, 1988 at the Enders Grove, Enders, Pa. This is sponsored by Community Grange #2048 of Fisherville. It will begin at 4:00 P.M.

The Grove is located off Route 225 between Halifax and Elizabethville; watch for signs.

Menu consists of snitz & knepp, chicken corn soup, hot dogs, bar-b-que, ice cream and baked items.

Program is a Dutch Show by the Tri-Valley Senior Citizens and music by the Wolfe's Family for square dancing.

Money raised by this is used for various community projects of which the Grange is involved in.

For more information or directions call 896-8775.

Schuylkill County Fair

Grace Karrer, with the Schuylkill County Fair Association, announced today that the fair will officially open at 7 p.m., Tuesday, August 9. This year's fair will be at a new location. The fair has purchased land in Summit Station--formerly Happy Holiday. There is plenty of hard work to be done to get this year's fair off the ground. Entertainment, exhibits, animals, and competitive games are bigger than ever, but we are starting from scratch to make a new fairgrounds.

We have work nights every Thursday. Anyone willing to help is welcome to come down. There is work for everyone-- carpenters, electricians, plumbers, and the ordinary individual who likes to paint, rake, etc. Also monetary donations are being accepted at Box 445, Schuylkill Haven, Pa. 17972.

Start getting together your tomatoes, potatoes, flowers, needlecraft, baked goods, etc. Entry of exhibits is Monday, August 8, 9 a.m.- 9 p.m. Fair opens to the public Tuesday, August 9 at 3 p.m.

Entry forms for the open dairy show at the 1988 Schuylkill County Fair are available by writing to Rev. Jim Schwenk, R.D. 2, Box 304, Pine Grove, Pa. 17963. Entries are due by July 15. Out-of-county entries will be accepted as space is available.

York Fair

C. Blair Saylor, manager in charge of grandstand tickets, announced that, beginning Monday, June 27th, the York Fair ticket office at 334 Carlisle Ave. will be open to the public Monday thru Friday from 11:00 am to 5:00 pm, and Saturday from 10:00 am to 1:00 pm.

At the ticket office, individuals will be able to purchase tickets to all York Fair grandstand shows, including Gloria Estefan and the Miami Sound Machine, September 9; Willie Nelson, September 10; Expose, September 11; Randy Travis, September 12; Restless Heart, September 13; Best of the Bands, September 14; Alabama, September 15; and Tiffany on September 17. Advance sale gate admission tickets will also be available for $2.50 (regularly $3.00).

Also beginning on June 27, grandstand tickets may be purchased by phone. The number is 717-848-2033 and payment may be made with VISA, MasterCard of Discover credit cards only. There is a handling charge of $1.00 per ticket for phone orders.

The 1988 York Fair will run from September 9-17.

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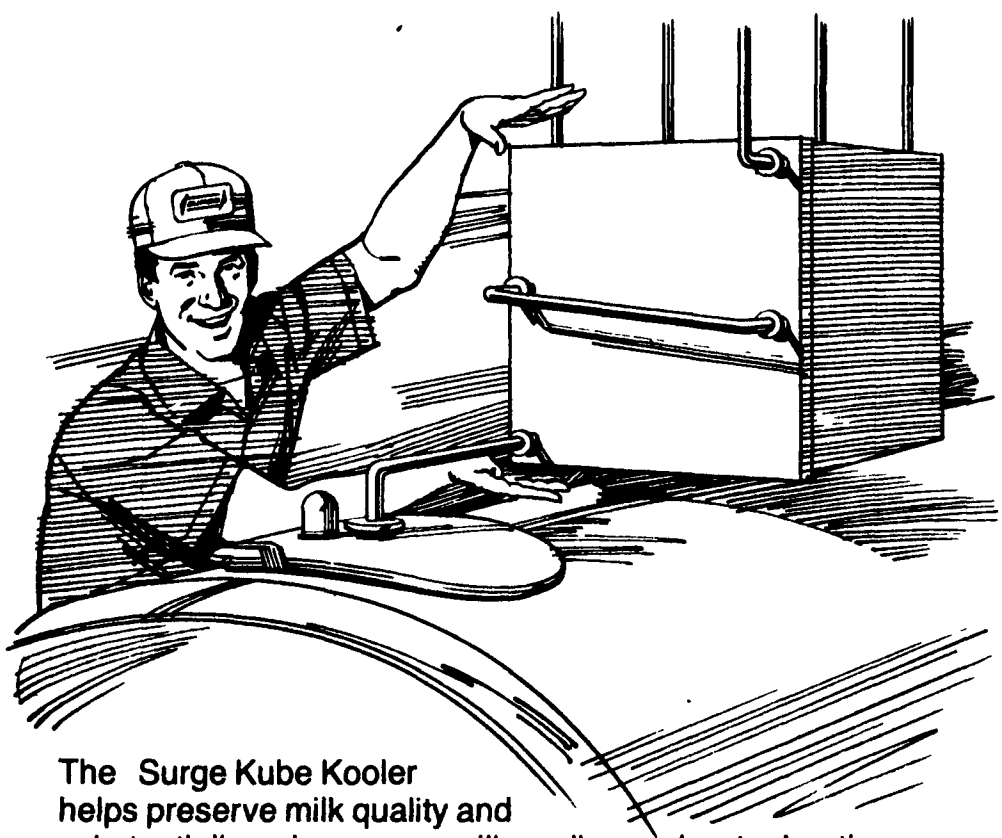

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4-H HAPPENINGS

York Co. Meats Judging

The York County 4-H Livestock clubs held a meats judging and identification contest recently at Godfrey Brothers Meats in Loganville. The contest consisted of 12 4-H'ers from York and Lancaster counties.

In the identification competition, Mike Craig of Lancaster placed first with Sandra Eisenhour of Wellsville (York) placing second and Bradley Trowbridge of Spring Grove (York) coming in third. Fourth and fifth places were won by Robin Shive of Seven Valleys (York) and Rob Rush of Lancaster respectively.

Mike Craig took top honors in the judging part of the contest with teammate Rob Rush taking second place. Sandra Eisenhour came in third, Bradley Trowbridge was fourth, and Robin Shive was fifth.

Sandra Eisenhour came out on top in the oral reasons contest with Rob Rush placing second. In third place was James Fitzgerald of Lewisberry (York), Carey Donches of Manheim (Lancaster) was fourth and Anna Marie Frey of Quarryville (Lancaster) was fifth.

The competition's overall winner was Mike Craig, followed by Sandra Eisenhour and Rob Rush. The York County team placed first with just 15 point more than the second-place Lancaster County Team.

Pistol Shooting

Jolene Spang brought gold back to Northumberland County. A gold medal, that is, for earning first place in the subjunior division of the National Rifle Association's Junior Olympic Shooting Contest in Colorado Springs, Colo.

Spang, 12, is a member of the Little Oley 4-H Air Pistol Club. She is the daughter of Mr. and Mrs. Robert Spang of Herndon, who are both certified 2-H shooting sport leaders.

Spang credits her victory to lots of practice, 1½ hours per day, for the six-week period between qualifying for and competing in the national contest. In addition, her father stated, "Jolene shot consistently good scores during the two-day national contest."

Winning pistol competitions is becoming second nature for Spang, who has placed first in individual competition and has been a member of the first-place team for her age division in the three regional 4-H shooting sports competitions since May, 1987. Currently she is too young to compete in the state 4-H contest.

Southeast Regional Horse Judging

The Southeast Regional Pennsylvania 4-H Horse Juding contests was held on June 23 at the Middletown Grange Fairgrounds in Bucks County. Twenty-seven 4-H'ers from Bucks, Berks, Montgomery, Delaware, and York counties competed in judging four halter classes and two performance classes.

The winners of the contest are as follows.

Junior Division

1 Jamie Meyer Montgomery, 2 Bonnie Boettcher, Bucks 3 Shawna Dougherty Bucks

Senior Division

1 Jennifer Meyer, Montgomery, 2 Kelley Graham, York, 3 Barb Peachy, Bucks

Oral Reasons

1 Jennifer Meyer, Montgomery, 2 Barb Peachy, Bucks 3 Jody Gehret, Berks

Team Standings

1 Berks County, Candice Shappell, Jody Nester, Angie Sell, Jody Gehret, 2 York County, Kelley Graham, April Lenhart Nikki Gipson, 3 Bucks County, Sandra Holsinger Heather MacNew Allison, Barb Peachy

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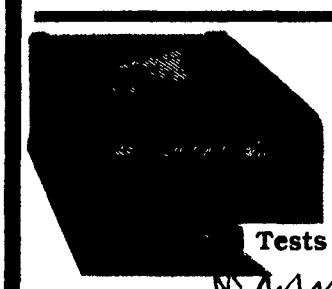

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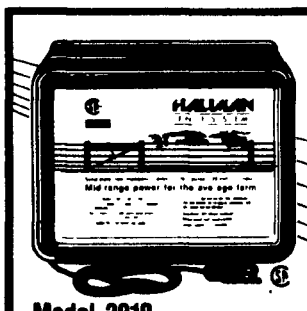
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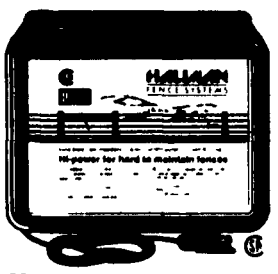

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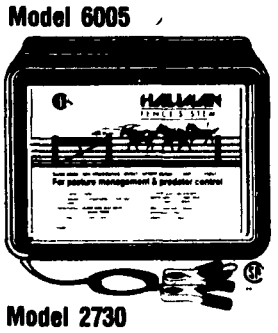

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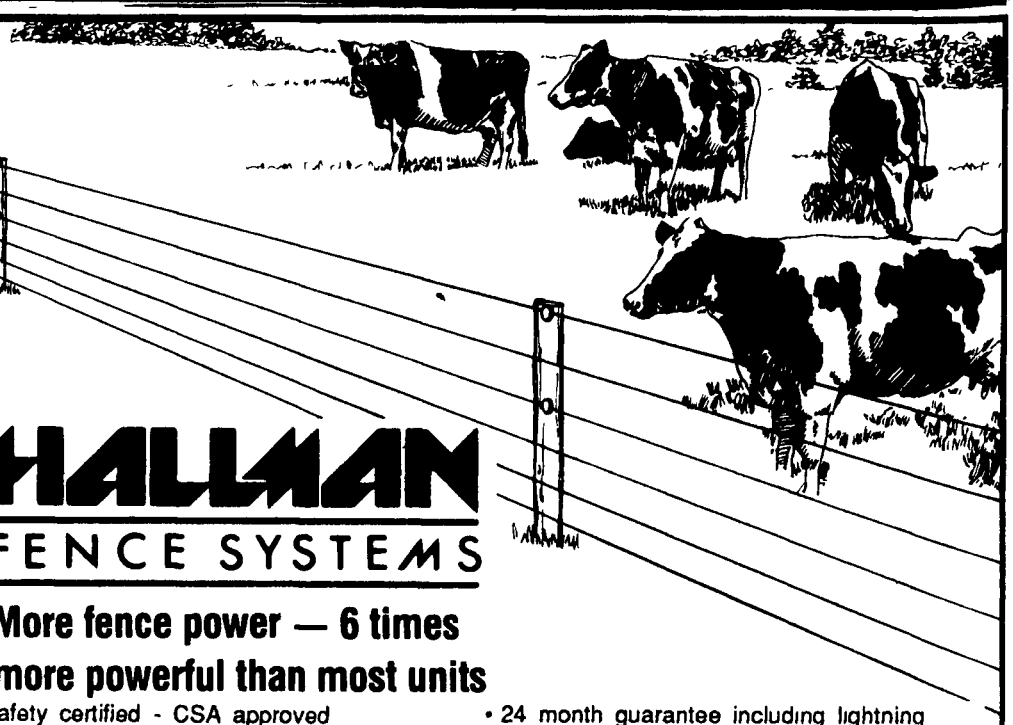

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Farm Philosophy

By Newton Bair

PROBLEMS OF HOME-OCRACY

"Excuse me, did you say your Aunt is climbing the wall?"

"No, I meant my ants is climbing all over the kitchen walls! — Ants in the kitchen! I wanta know how to get rid of --. Oh, what 'till I turn off the radio!"

Click. Silence. Heavy breathing. Door slams. Voice on phone is now calmer.

"There's great big bugs with wings walking up and down. — All over the table, on the refrigerator, even in the sink"!

I was a little calmer myself, without the background noise. My hearing's not perfect, but it works better without that kind of competition.

The lady on the phone described the insect, trying to disguise her dialect with Leban-ized English. I can understand it pretty well, most of the time.

The full discussion of the habits, dangers, and control of Carpenter ants that followed was probably more than the lady bargained for. All she wanted to know in the first place was how to get rid of them. I felt that she deserved to know more than that.

Clear, crisp Communication between people is not always easy, especially over the telephone. Did you ever try to describe an object to someone who cannot see it? It should be easy, but it doesn't always come across like you expect.

"What makes the leaves on my watcha-callit fall off? Should I spray it with something?"

"Will you please describe the plant. it is a shrub or a tree"? I try to sound very professional.

"I think it's a young tree, or -, maybe it's a shrub, I ain't sure."

"Where is it growing?"

"It's in the front yard, and it ain't growing".

"Is it a deciduous or an Evergreen plant?"

"My husband thinks it's a pine or something. It's green, only it's yellow, and then the leaves get brown and fall off. Should I spray it?."

We finally concluded that the problem was too much spray with "K-9-P". Neighborhood dogs had done the spraying.

Animals cause as many problems as insects or diseases. The cure lies in eliminating the hazzard, be it dogs, squirrels, woodpeckers, groundhogs, skunks or bats.

Sometimes a chemical cure is appropriate, if the problem of language doesn't get in the way. An accurate description is easy to bungle, especially if a caller uses a slightly different "Dutch" than I'm used to.

Like this amusing, if not quite typical, phone call.

"Bucks are eating my Flax! Is there something I could do?"

I pondered a bit before answering. We haven't grown flax in our County for a hundred years. We do have plenty of deer though.

"Where do you live?" I asked. "Chonestown", was the reply.

Then I understood. In the Jonestown vernacular, she explained that some insects were eating her Iris flowers. "Flags" is The local name for Iris, and the bugs eat flags.

The cure for bugs is simple. I like to recommend an insecticide with a discriptive name, like "Buggetta" for slugs, "Flea-B-Gone" for you-know-what, and "Scram" for ticks and lice. I hestitate to prescribe something like 1-Naphthyl N-methylcarbamate, or cis-N-((Trichloromethyl) thio)-4-cyclohexene, for fear of choking. Too hard to pronounce, and impossible to spell correctly.

So spray bugs with SEVIN, and fungus with CAPTAN (simple names for the above tongue-twisters). You too can become expert in Bug-ology. However, if in doubt call your County Extension Agent, who knows lots of unpronouncable cures for many evils. Take along a sample of the ailing patient; it's worth a thousand words in any language, and if there is a cure the prescription will be simple, - and in English.

Built-In Agricultural Fire Fighting Technology

UNIVERSITY PARK (Centre) — Pennsylvania farmers are losing millions of dollars annually to structural fires that could be contained or suppressed quickly with modern technology. "Adapting and adopting new technology could prevent or control many of these fires," says Dennis Murphy, associate professor of agricultural engineering at Penn State.

Murphy and William C. Arble, a nationally recognized fire technology expert with the Pennsylvania Technical Assistance Program (PENTAP), are demonstrating the feasibility of early fire detection and suppression technology in farm buildings.

To fill the need for applied field testing and demonstrate solutions, four capital intensive agricultural buildings around the state have been equipped with a combination of fire detection and suppression technology. Horse, poultry, swine and dairy facilities have ionization and heat detectors connected to control panels with automatic telephone dialers and suppression systems.

"Agricultural buildings are almost always totally consumed by fire, because of the long emergency response time in most rural areas," says Murphy. "Also, fires often occur when no one is around, which means they go undetected. We're looking at ways to adapt existing technology to solve this problem."

As Pennsylvania farms modernize, many older buildings are replaced by larger more capital-intensive facilities. Arble says investment in early fire detection and sprinkler systems is now a viable option for agricultural businesses. The problem has been a lack of field testing and a shortage of skilled technicians with the know-how to market, install, or service modern fire technology suppression equipment in agricultural buildings.

There is a lack of research data and sources of information where interested businesses or individuals can get answers.

Both experts stress that technology has to be reliable and affordable to be accepted. They also know what these systems can mean for insurance rates. Over the coming months publications are planned to explain and illustrate the engineering and technical considerations and to guide in the design, installation and servicing of the systems.

This project is funded in part by the Ben Franklin Partnership Project, administered by the Pennsylvania Department of Commerce. The aim of the partnership is to improve the productivity of new and existing businesses and diversify the state's economy by sponsoring and attracting advanced technology.

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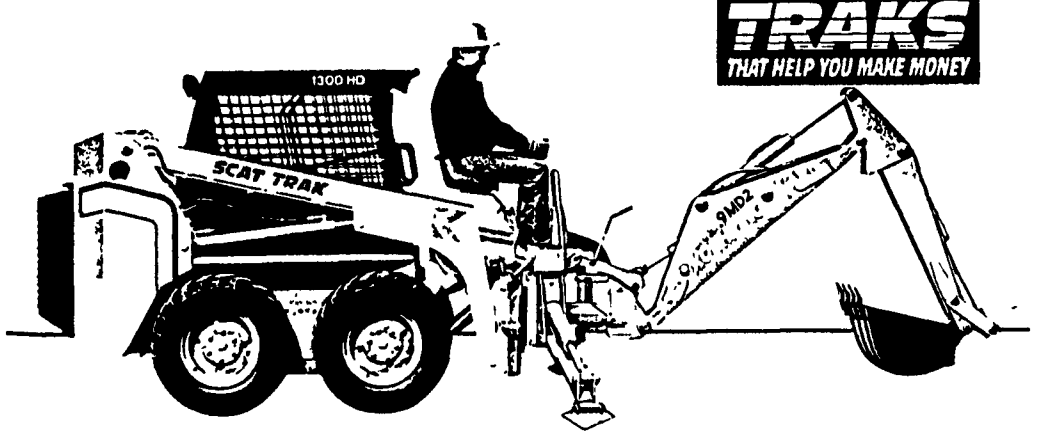

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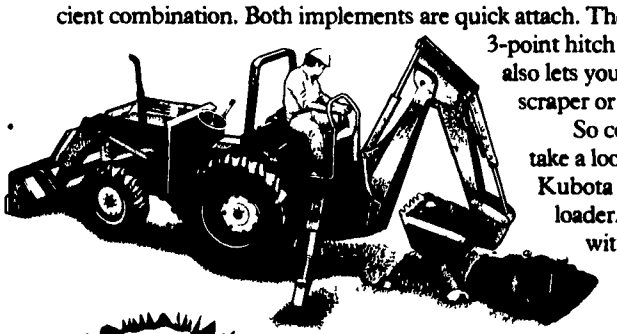

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Grange Offers Drought Package

WASHINGTON, D.C.— "While drought conditions could have a tremendous impact on U.S. agricultural production this year, we feel, that in the long-run, it will not cause long term damage to U.S. farm productivity," said Robert E. Barrow, master of the National Grange at a recent meeting with Vice President George Bush. Barrow credits the substantial federal investment made in soil and water conservation programs since the dust bowl years in the early 1930's, as the saving grace of American farmland during this drought. "When U.S. agriculture recovers from this drought and roars back to once again feed the world, the wisdom of our past and future conservation investments will be self evident," he said.

"Federal drought assistance programs will depend upon the length and severity of the drought," said Barrow. But he cautioned the Administration and Congress to move carefully in providing drought relief. "We must remember that funds used to assist drought stricken farmers and ranchers, that are not in the budget, may come back and hit agriculture on the backside by triggering Gramm-Rudman-Hollings sequestration," he warned. He also urged lawmakers to monitor the U S. export program, particularly with regard to commodities where the U.S. has the major world reserve stocks and to commodities where our stocks are low. "Wise use of stocks now may avoid an embargo on exports later and assist our poultry, dairy and livestock producers," Barrow said.

Barrow opposed a floating recommendation that the Federal Crop Insurance Program be reopened for sign-up, retroactively "If this action occurs, a precedence would be set which would destroy the crop insurance program Producers would never have an incentive to enroll in crop insurance again," he said.

In addition to the actions already taken by the Secretary of Agriculture, permitting haying and grazing on set-side acres and haying on Conservation Reserve Program land, the Grange offered a 13 point proposal which will moderate the negative effect of the drought on farmers and ranchers. The package includes:

1. Forgiving the repayment requirement of advanced deficiency payments in drought-disaster-declared states.

2. Reopening the sign-up for the 0/92 program, with deficiency payment level protection in drought-disaster-declared states.

3. Implementing the Emergency Livestock Feed Assistance Program, and watching the supply of soybean meal which is a major component in poultry and hog rations in drought-disaster-declared states.

4. Reassessing the decision on disallowing grazing of Conservation Reserve Program land, if the severity of the drought increases, in drought-disaster-declared states.

5. Allowing the planting of soybeans on set-aside acres.

6. Releasing commodities currently stored, particularly durum wheat.

7. Reassessing the acreage set-aside requirement, announced by the Secretary of Agriculture, for the 1989 wheat crop to determine if the 10 percent requirement is still accurate.

8. Asking the Secretary of Agriculture to announce the remainder of the 1989 program set-aside requirements only after careful consideration is given to the results of the 1988 drought to assure that neither a shortage nor a surplus occurs.

9. Instituting a federal financial disaster assistance program, if the drought severity increases, that would include disaster grants and emergency loans for farmers. Requirements that farmers participate in Federal Crop Insurance Programs to be eligible should be waived, in drought-disaster-declared states.

10. Instituting a Farmers Home Administration (FmHA) emergency load restructuring policy for FmHA direct borrowers, in addition to current restructuring policies, by deferring this year's loan principal payments to the end of the loan and amortizing the interest payment and associated loan restructuring costs over the remaining life of the loan. Effective in drought-disaster-declared states.

11. Informing private lenders who use the FmHA guarantee program to lend to farmers, that they may institute emergency restructuring policies without jeopardizing their or their borrower's status under the loan guarantee program in drought-disaster-declared states.

12. Informing institutions of the Farm Credit System that have received or may become eligible to receive federal financial assistance, that they may institute emergency restructuring policies for their borrowers without jeopardizing their status under the federal assistance program in drought-disaster-declared states.

13. Facilitating a nationwide volunteer effort by providing government office space and support resources in the Department of Agriculture for drought assistance volunteers to coordinate the requests to donate money, hay and services, and distribute those to affected areas in drought-disaster-declared states.

Genetically Engineered Biocontrols Presented At Ithaca CONFAB

ITHACA, N.Y. — The possibilities for controlling insect pests with the aid of genetically engineered viruses, bacteria, fungi, and even plants, will be discussed at a conference, "Biotechnology, Biological Pesticides and Novel Plant-Pest Resistance for Insect Pest Management," to be held July 18-20 at Boyce Thompson Institute for Plant Research at Cornell, Ithaca, N.Y.

"The conference will show how biotechnology can be used to design novel biological controls that are competitive with traditional chemical insecticides," say conference organizers Drs Donald W Roberts and Robert R. Granados of Boyce Thompson.

These alternative controls, they add, are needed to deal with the threats to world health, agriculture and the environment that result from continued reliance on traditional chemical insecticides and the concomitant resistance of insects to such chemical controls. In recent years, crop protection programs have faltered and malaria eradication programs have failed because of increasing resistance to chemical insecticides.

Two to three hundred researchers and research administrators from universities, industry and government are expected to attend.

In addition to sessions that discuss the basic science of biotechnology and biological controls, there will be others on government regulation and the industrial implications of changing patterns in use of insecticides, which now have an annual, worldwide market of $2 billion.

A partial list of speakers and their subjects include:

Dr. Christopher C. Payne, Institute of Horticultural Research, East Malling, United Kingdom, "The Role of Biological Control"

Dr Alex McPherson, University of California-Riverside, "Protein Engineering Applications in Agriculture"

Dr. Virginia Walker, Department of Biology, Queen's University, Kingston, Ontario, Canada, "Transfer and Expression of Foreign Genes in Insects."

Dr Richard C. Staples and Dr Donald W Roberts, Boyce Thompson Institute, Ithaca, NY, "Genetic Engineering of Fungi."

Dr. Jorge E. Ibarra, Centro de Investigaciones y de Estudios, Avanzados del IPN Unidad, Irapuato, Mexico, "Biotechnology in Developing Nations."

Dr. Mark Vaeck, Plant Genetic Systems, N.V Gent, Belgium "Pesticidal Attributes of Transgenic Plants"

Formal talks will be complemented by a poster session to be held July 19 from 9 00 a.m. to 5 00 p.m in room 701 Clark Hall

The conference is sponsored, in part, by the Rockefeller Foundation and the Cornell University Biotechnology Program.

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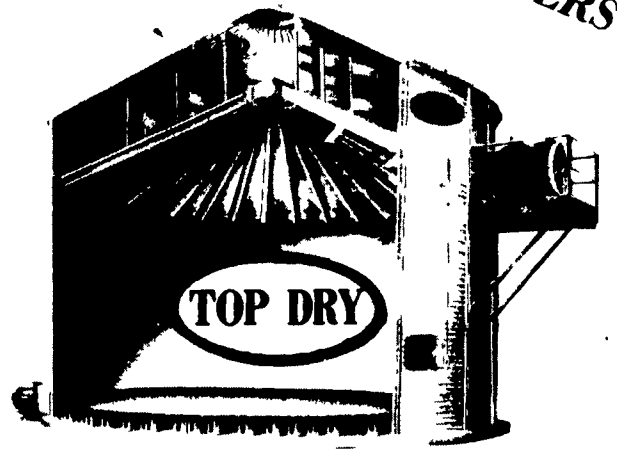

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AC 200 tractor, 110hp, 1-year ago overhauled, tires 18 4x38, very good, weights front & rear, dual outlets, 2,900 hours, $5,500; MF 510 Combine, diesel, hydro, 13' grain head, shed kept, $5,000. Lancaster Co., 717-653-4649.

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AC WD wide front with loader, good condition, $2,000. Call 301-877-1703.

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Artsway 800-B TMR mixer w/digital scales, needs new chain. Also, 56' of used 9" silo blower pipe 814-766-2733

Attention Collectors! For Sale. Stationary Eli belt powered baling press manufactured by Collins Plow Company, Quincy, Illinois Last readable patent, December 10, 1895. Working condition Call 717-833-4553.

Backhoe, model 400 JD, excellent condition, $9,000. Ringo Hill Farms, Pleasant Valley Rd., Rt 212, Quakertown, PA 18951. 215-346-7340.

Badger Super Trailer pump & agitator; Oswald model 2840 mixer, 3 augers, electric scales on heavy duty cart, excellent condition; NH L35 Skid Steer Loader, 8' blade to scrape feedlots, material bucket, fork loader. 304-728-7113 after 6p.m.

Batwing mowers, new 15' Woods, $5850 301-833-9091

Big 350 Kill Bros. grain wagon, $975. 717-354-0266.

Farm tractor equipment not running? Call me-I can repair it ON YOUR FARM! Reasonable rates. Maryland call 301-879-3839. PA call 717-927-9661

Field Queen side dump, 1332 hrs., Cat engine, kept in, sharp condition $36,500, JD 5460, 1400 hrs $27,000, 1984, 5820, 800 hrs. $50,000, 5460, 583 hrs, almost new $40,000, 5200, small knives $19,800. Call Larry Stalter, the "Chopper Man" 1-800-248-2151

FORKLIFTS AND FORKS
One to 10 ton capacity, poor to mint condition, over 100 pairs of forks to fit all types of equipment 301-486-6691

FOR SALE AC crimper, excellent condition. Christ A Beiler, 2244 Hobson Rd, Lancaster, PA 17602

FOR SALE: Ford 8000 tractor, WFE, 105HP, perfect condition. Dana Irving 215-869-9505.

FOR SALE: Orchard tower for Big Gun; 5" pipe, various fittings & sprinklers, (1) Tico 8" 90°L; (1) Tico 8" 45°L. Call 717-799-5306, weekends, 717-437-2076.

FOR SALE: JD 24 skid steer loader, new 40HP Wisconsin engine $4,495. 717-866-6999.

FOR SALE: Krause Landsman 12' wide, used 700 acres, one path machine. Save thousands. Call evenings Sheaffer 301-778-0185.

FOR SALE: NI Uni system, 710 combine unit $200. 717-682-3245.

FOR SALE: Used alum irrigation, pipe 7 in, 8 in Wosco and 6 in Anderson Miller all 40' lengths 609-424-8410

Ford 3000 gas w/ powersteering, new paint,. Kubota M4000 diesel, IH 886 diesel with or without 2350 loader, Sauder loader, IH Cub Cadet, 12hp w/42" mower deck, 60" 3PT rotary mower, new 215-921-8859 after 5

Ford 4600 diesel, 52 hp Best Offer 717-949-2123

Ford 7600, CAH, $7,000 301-833-9091

Ford 7710, dual power, weights, low hrs., like new 717-272-2352

Ford 801 gas, 5SP, PS, hydraulic, weights, 14.9x28, new paint, good condition. 717-949-3264

Ford farm tractor series 2000, 8 spd. trans., good condition, $3,900. 717-426-1234

For Sale: 1972 Int. 18' dump, good condition. Field and road ready. Berks, 215-693-5027.

For Sale: 760 Swartz mixer wagon, fair, roller mill, 7.5 HP. Perry Co., 717-789-3070.

For Sale: 8900 White Combine, cab, air, heat, fully monitored, 6RN & 4RW corn heads, 15' flex grain head, must move, reasonable, 301-346-7209.

CRAWLER TRACTOR PARTS
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders
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Montgomeryville, Pa 18936
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Crawler Loader, Cat 955K, $11,000 301-833-9091

Crawler Loader, JD 555, $13,000 301-833-9091

Crawler Loader, Cat 955H, needs engine work, $4,400. 301-833-9091

Deere 4400 diesel, very good, thru our shop, new cylinder bars, $7,450. Larry Stalter, the "Combine Man". 1-800-248-2151

Deere 4420 in super nice shape, kept in, $19,800 Larry Stalter, the "Combine Man". 1-800-248-2151

Deere 5200 SP chopper, new small Power Mizer knives, very good $19,900. Larry Stalter, the "Chopper Man". 1-800-248-2151

Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Deere 5400, 4WD chopper, around 1900 hrs., immaculate, $26,400 Will trade Larry Stalter, the "Chopper Man" 1-800-248-2151

Dismanteling 1155, 856, 806, 756 and D310, D282 engine for parts. No Sunday Calls. 301-824-7240

Fahr 17' Hay tedder, $1950, NH 315 Baler w/ model 70 thrower, $7800, AC 12' disc w/22" blades, 9" spacing, $1850, 16' Brillion fold-up harrow, $1150, NH 488 Haybine; NH 36 Flail chopper, New Badger 950 forage wagon w/tandem gear, New Badger 3350 gal liquid manure tank, NI 361 manure spreader w/ end gate $2500, AC D-17 tractor & loader w/utility bucket, $3,600; NH #8 forage wagon, $1,900; JD 400 grinder mixer, $3,250, IH 550 manure spreader, $2,700. Lycoming Co. 717-323-0987 or 717-398-0829 after 6 p.m.

Farmall Cub, cultivators, plow, snow plow. Make Offer. 215-267-5422

Farmall H, 3pt. hitch and Woods 5' mower. Both very good condition, $1750 for both. 215-286-0460.

Farman pasture renovator, brand new. Half Price. $2,000. or Offer. 301-833-1847

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Lititz, PA 17543
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or Lititz
717-626-1164

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Mon. & Tues.
8 a.m. to 5 p.m.
Wed., Thurs. & Fri.
7 a.m. to 5 p.m.
OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

1 - Farm Equipment
2 - Farm Eq. Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Eq. & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

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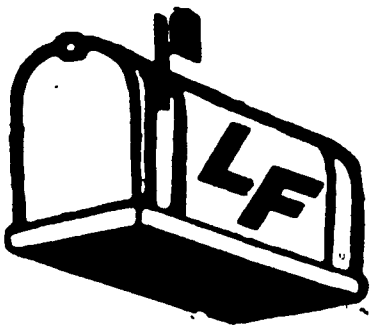
PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



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12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
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20	5.80	11.60	13.80

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1 FARM EQUIPMENT

Western 5" rolling wheel line 1230', $3,500, Deutz 6 cylinder turbo Berkeley high pressure pump, electric primer, $9,000 609 259-2424

Wheel Loader, Cat 944A, $8500 301-833-9091

Wheel loader, Michigan, 4WD, excellent, $5500 301-833-9091

USED STORAGE TANKS, 1,000-10,000 gallon, 10 cents per gallon; STEEL PIPE, ½" to 8", 15 cents per lb.; Fairbanks platform scales, 500 lb. capacity, $300; Wood timber & joists, steel I beams US Wrecking. 717-393-2992

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IH 1066, fender, new TA, excellent condition, $7500 301-833-9091

IH 5088 CAH, low hours, $19,500 301-833-9091

IH 544 gas w/1701 loader, one owner, low hours, $5800 301-833-9091

IH 56 blower, good shape, $1,000 717-653-5396

IH 715 Combine, diesel, gear drive, 630 orginal hours, 4RN corn head, excellent condition, 717-328-2386

IH 7' haybine, $1,650, Grimm hay tedder, $675; Cunningham crimper, $125, Farmall M w/belt pulley, $775, JD 420 w/loader, $3,700 215-562-4464

IHC 315 combine, gas hydro, 12' cut, hume reel, 3 row narrow corn head available, 4B Pittsburgh semi-mtd plow, manual reset, side hill hitch 215-495-6146 Days

Int 500C 6-way dozer, good condition, $7500, MF rotary rake, excellent condition, $375, Woods belly mount mower for 8N tractor, $450, ¼" thick large glass windows 301-823-2640

Int model 856 in good condition Price, $5,500 717-532-7054

Int press wheel grain & bean drill, 24 hole, 6" spacing, very good condition, Asking $3,700 717-354-5922

Int TD-6 bulldozer with Duncan blade, PTO, pulley, Farmall 504 with New Idea 319 gathering unit and 322 husking bed 717-677-6224, 677-9794

IRRIGATION PIPES 1500' of 6 & 5" with 2 guns, $1 50/ft., 215-445-5725.

Irrigation pipe, 40' & 20' length, 6", 5" & 4" width sprinklers & fittings, V8 pumps 201-462-0110

Irrigation Equipment 400 gal min Gorman-Rupp irrigation pump w/ Wisconsin 4-cyl engine Magnito ignition New overhaul 717-527-4974

Irrigation pipe, used only 1 season, 40 pieces, 6"x40' pipe, 20 hydrant couplers, 20 straight couplers Take over lease Call after 7, 609-259-8072

For Sale Dahlman PC450 4 row potato planter, dry fertilizer Call 302-734-7645 8 p m to 9 p m

For Sale Diesel 454 IH tractor w/power steering, $4,200 301-334-1522, or 301-334-4381

For Sale FMC sweet corn harvester Northampton Co, 215-863-9125

For Sale Good used 471 Detroit diesel power unit Also 100 h p Chrysler gas power unit 717-776-7725

For Sale Irrigation system con of 21 Rain Bird sprinklers w/risers, approx 110 pieces of 30' pipe, 5", 4", 3", 2", Marlo pump, belt driven, Gorman Rupp power take-off pump. Call 215-588-8433. Wm Bush, RD2, Bangor, Pa 18013

For Sale: JD 336 baler w/30 ejector, NH 9' 479 haybine, Both good condition 717-235-1580

For Sale NH 1495 haybine, $6,800, NH 489 late model, $2,600, 400 amp welder, Wisconsin engine, $275 717-733-0575

For Sale Potato winrower, Lockwood, steerable axle, good condition, $2,500 Call 814-344-6356

For Sale PTO irrigation pump 717-859-1662

For Sale Roskamp oat huller, E-50 Howe Richardson bagger scale Berks, 215-693-5027

For self propelled choppers Call Larry Stalter, the "Chopper Man" JD, NH & Field Queen 1-800-248-2151

FUEL STORAGE TANKS & PUMPS for gasoline, diesel fuel Starting at $169 00 Agway, Dillerville Rd, Lancaster 717-397-4954 Paul Miller

Good condition 400 JD backhoe, gas, 370 hrs on engine overhaul, new hyd pump, recent paint, $8,150 York Co 717-244-7393

Gray 803A Uni system w/4WD, big tires, AC, 900 hrs, excellent condition, $26,000 717-944-7079

HALE PUMP Hale organic grinder, electric priming system, 300 psi capacity, 1,000 RPM Used once, $10,000 Call 201-859-2616

Hale 3" irrigation pump w/small 4 cylinder gas motor, on nice 2 wheel trailer, suction hose, strainer, primer, $775 Chester Co 215-353-7304 or 215-356-6873

Hay rake, JD 670 w/wheel, $1500 301-833-9091

HI CO EQUIPMENT 5' three point hitch rotary cutter, $420, 6' three point hitch rear blade, $160; 9" three point hitch post hole digger, $360, 5' three point hitch landscaping rake, $229 99, 30" three point hitch dirt scoop, $190, 5' three point hitch box scraper, $300, 5' drag behind rotary cutter, $650 Call us for other equipment Call KEYS' in Hazen, 814-328-2222 or call Clarion, 814-226-4444

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Irrigation pump, 5x5 Marlo, belt driven 717-354-6602

JD 16A chopper, JD 12' spring tooth harrow w/trip BO 717-395-3364

JD 2030 dsl tractor, good condition $5500 301-876-1956

JD 2640 w/roll guard, new paint, good tires, excellent condition, $8,500 OBO 215-267-2128

JD 3010 diesel w/3020 kit in engine, NF, $3,800 717-532-7054

JD 3020 diesel, WF, side console, new paint, nice condition, $5,800 717-532-7054

JD 310 loader/hoe, $13,500 814-237-1000

JD 3940 late model, used very little $6,850 Will trade Call Larry Stalter, the "Chopper Man" 1-800-248-2151

JD 4230, $8400 301-833-9091

JD 4400 combine, diesel, rotary screen, A/C, 443 corn head, 215 grain head, Int grain truck, Moridge 400 bushel dryer Must sell Individually or special package price 215-363-7172

JD 4400 diesel combine w/auto grain head & 4 row 30" corn head 215-297-5416 after 8 p m

JD 4420 combine, excellent, 443 corn head, excellent, 213 grain head, excellent, 444 corn head, good 607-699-3775

JD 5820 chopper, about 2050 hrs, air and heat $39,500, 1980 JD 5460, 761 hrs $33,000 Call Larry Stalter, the "Chopper Man" 1-800-248-2151

JD 6600 combine, 2 heads, field ready, excellent Good Price 717-528-4223

JD Cylcone A, loader & 3 pt hitch, good condition 717-284-4088 after 6 p m

JD drill #8300 24 & 6, + grass seeder, double disc openers, excellent condition 201-462-9332 or 201-493-3175 after 6 p m

JD F-835 2 way, 2 bottom Integral plow, McCormick 19-B disk harrow, 8' cultipacker All in excellent condition 717-285-5532

JD L, garden plow, cultivators & snow plow, also parts for JD L 717-689-2412

JD PARTS FOR SALE Thousands of new & used parts Emory Equipment, Box 280, Centreville, MD Will be at Tuckahoe, July 8th thru 10th 9 miles from main building Will be open 301-758-0600

JOHN DEERE TWO CYLINDER FLYWHEELS WITH STEEL TAPER-LOCK HUBS GUARANTEED TO TIGHTEN ON ANY WORN CRANKSHAFT CALL THE TWO CYLINDER SPECIALISTS DENGLER TRACTOR, 6687 SHURZ RD MIDDLETOWN, OHIO 45042 513-423-4000

MF 510 combine, gas, 14' grain head, needs 1 shaker screen, $2,500, (2) 12 bu round corn cribs, $450 each, Allison 40' PTO elevator, needs work, $800 Gettysburg 717-334-7844

John Deere B, 5' rotary mower, front snow plow, JD 44 2 bottom plow, $1,550. OBO 3 pt post hole digger, $200 717-382-4416

John Deere Model L tractor with cultivator and plow Working condition Approximate year 1941 Phone 717 943-2260

Kershaw hydro axe/brush clearer/skidder with winch, good condition, $4,500 301-833-9091

Large PTO fan on wheels, $250, 140 IH with 1 point hookup, Woods rotary cutter, $2,250, IH F-12 on steel, $250 717-653-5733

Late 717 combine with 706D Uni tractor and two 713 grain heads, good working condition Will sell together or separate 609-259-6761 or 609-758-2824

Late model MF 510 diesel combine, cab, air, 23 1x26 tires, bin extension, unloading auger extension, stalk spreader, 13' grain head, very good condition, $6,450 Corn head available Lancaster Co, 717-733-7132

Loader attachment, Bush Hog, heavy duty w/valves, $1000 301-833-9091

Loader attachment, Great Bend 700, fits most 30 to 60 h p tractors, wide bucket & valve, $1,850 301-833-9091

Loader Tractor, IH 2444, 3PT, $4500 301-833-9091

Martin dumping station, 16', 2 beater, like new, used to fill silos with dump trucks, NH Model 30 bale elevator for parts $50 Berks Co 215-926-2908

Mauser 2R potato harvester w/new hydraulic pump, digger chains $5,000 OBO 717-966-3975

MF 1080 w/246 loader, $6800 301-833-9091

MF 2805, cab & duals, good condition but bad crank, $8500 or will buy good crank 717-534-1253

MF 285 w/Dual loader, $8,000 301-833-9091

MF 300 combine, late model, 10' grain head, new 2RW corn head Field ready 814-326-4308

MF 300 combine w/cab, 10' grain head, 3 row 30" corn head, shed kept, in excellent condition 703-473-2343

MF 40 industrial loader, shuttle shift, 3PT, $4,000 Ringo Hill Farms, Pleasant Valley Rd, Rt 212, Quakertown, PA 18951 215-346-7340

NH 1495 self propelled windrower, NH 850 round baler 814-276-3422

MF 750 combine, local, second owner, excellent condition 717-437-2542 or 437-2593

1982 7650 Hesston chopper, around 1,000 hrs, 4WD, 2 heads, immaculate, $46,500 Larry Stalter, "The Chopper Man" 1-800-248-2151

1982 Sunline travel trailer, $2,900, NH 273 baler, $1,475, 640 Ford tractor, $2,575 717-354-0266

(2) 3PT forks for tractor, apple picking buckets, 1972 Int truck w/24' body (2 yrs old) & slideup door, flatbed 40' trailer, cider press w/32" racks, 20 & 25 bu bulk bins, 8x20 garage door, (2) electric conveyors, 20' & 12' 717-225-3025 or 225-1042 eves til 10PM

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600 feet of aluminum irrigation pipe, 4" diameter, $1 00 per foot, 20 foot lengths 215-968-1812

NH 489 haybine, good condition, $3,450 717-768-3197

NH 985 combine, gas, gear, 13' grain head, 4-38" corn head, cab, straw chopper, RS, VGC, $5,000/OBO 717-349-2679 after 6 30 p m

NH BALE WAGON 1034, always sheded w/spare parts, Asking $7,500 201-579-2310 Evenings

NH bale wagons, 1049 SP, low acreage, 160 bales $12,500, 1047 SP 120 bales $7900; 1048 SP $8500; 1033, 105 bales $5700, 1044, 120 bales $4500, 1010, 56 bales $1700, 1051 stack retriever for truck mounting $1600 References near you furnished, delivery available Roeder Imp, Seneca, KS 913-336-2800

NH combine 995, 361 Ford engine with 6RW narrow corn head, excellent condition, gas, $7,500 or best offer 301-963-1498 after 6 30 PM

NH forage harvester w/2 heads, corn head & grass cutter head, Wisconsin air cool motor w/starter, good running condition 717-359-5793

1000 Gal. propane tank, $995, may also be used for anhydrous Cold-flo applicator w/regulator, $195 Landoll 11' chisel plow, $695 301-791-6948

12' flail type shredder, fair condition $400 Northumberland Co 717-275-4407

18' heavy duty JD disc, $4,250 201-859-2616

1971 model JD 3020D, powershift, WF, fair, $6500 Lanc Co, 215-445-5918

1978 Deere 6600, hydro, 404 engine, overhauled, nice condition $16,500 Larry Stalter, the "Combine Man". 1-800-248-2151

1978 JD 6600 hydro, Side Hill, low hrs, big engine, real nice, $18,900 6 4% Interest, 20% Down Larry Stalter, the "Combine Man" 1-800-248-2151

1980 Deere 7720, around 1800 hrs, kept in, top condition, 30 5 tires, $28,600 Larry Stalter, the "Combine Man" 1-800-248-2151

1980 IH 1086D, factory cab, A/C, radio, 18 4x38 tires, 540/1000 PTO, 3/hyd outlets, 1200 hours, $18,000/obo 302 737-0759

1980 White 7300 combine, 4RW corn head, 13' grain head & 6000 bushel corn bin 717-864-3406

300 MF Combine w/cab for parts, $600 or will sell parts off Cumberland Co, 717-532-3360.

3x3 Gorman-Rupp irrigation pump w/rebuilt Wisconsin engine Henry S Beiler, 281 Christiana Pike Christiana, PA 17509

Int. 615 Combine,
gas engine, cab, 2 row wide head, 13' grain head, excellent condition,
$5,000 or Offers
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$16,500
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$795

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L775 NH SKID LOADER, good condition
Ask for Paul
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FOR SALE
2 row mounted NI corn picker, 319 front, 12 roll rear husking bed, rubber rolls. Dion & Fox silage blowers, good condition, field ready.
Ask For Bob
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after 6 p.m.

705 diesel Uni w/727husker, 725 3 RN corn head, 729A sheller, good condition.
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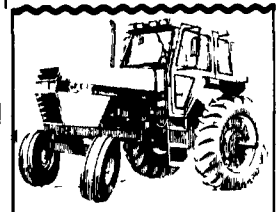

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255 w/7 QA loader, 4WD
385, 4WD
485, 2WD w/shuttle
585, 4WD

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2200 Loader
2250 Loader
2255 Loader
540 Spreader
530 Spreader

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LAMB'S FARM MACHINERY
Thorndale, PA
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FOR SALE
MF 175 diesel, 6 spd., engine overhauled, good rubber
MF 175 diesel, good condition
MF 165 diesel, WF, good condition.
MF 50 diesel
702 diesel Uni harvester w/767 Super chopper, new knives, 3 row narrow corn head & electric knife sharpener & cab. Best offer.
MF loader w/bucket
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Gehl hydro Cat skid steer $2,600
JD 480-B Forklift, side shift, high mast, used every day $13,500
JD 840 diesel, industrial tractor, PTO, remotes .. $2,500
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Good Used Farm Equipment
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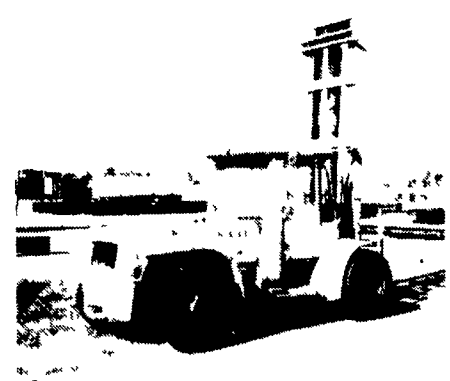

25;000 Lb. Cap. Hyster, 7' forks, gas, very good cond.
$20,000
301-486-6691

750 MF Combine
13' cut, diesel engine, $4,900
717-354-0680

FOR SALE
(2) Pettibone skidders, (1) excellent shape, (1) fair shape.
Call after 6 p.m.
301-482-8095

1 FARM EQUIPMENT

NI hay rake, on rubber, 4 bar, $100 717-285-5491

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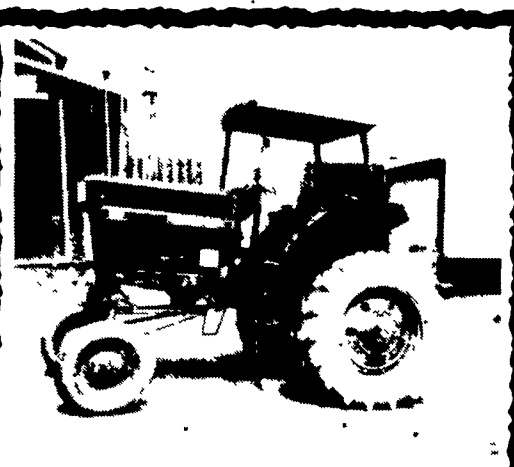

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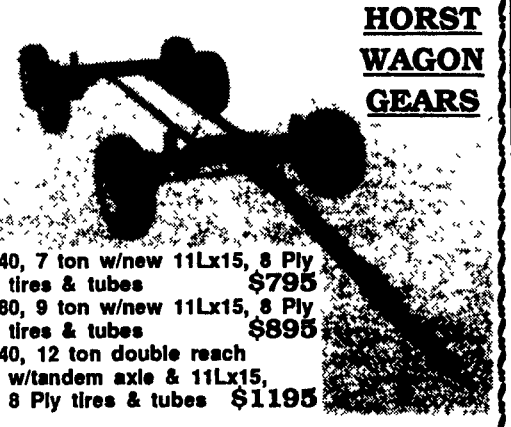

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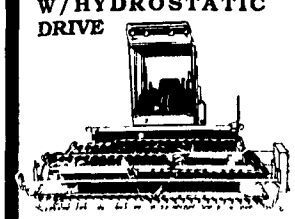

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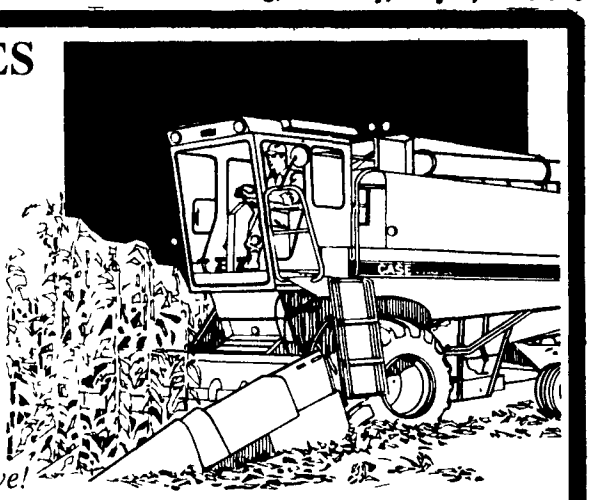

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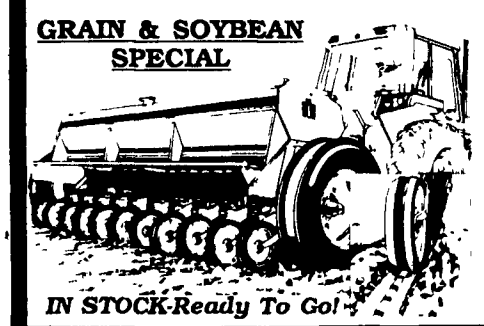

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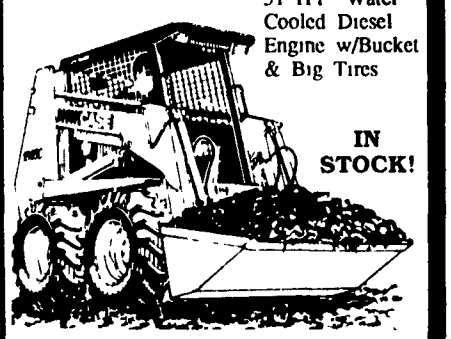

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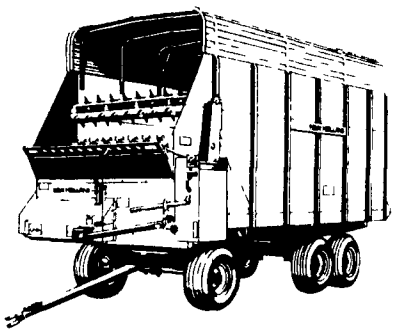

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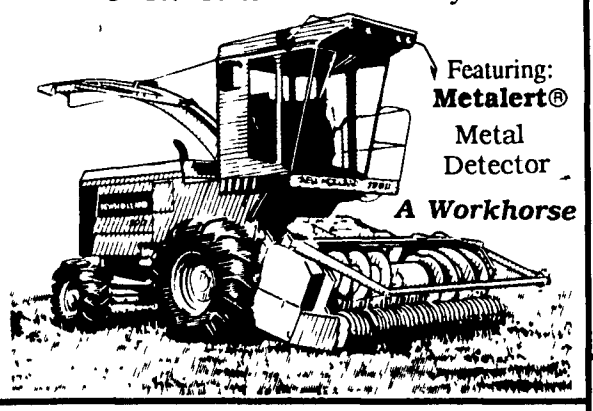

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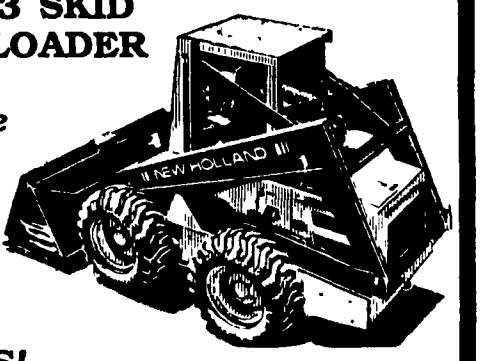

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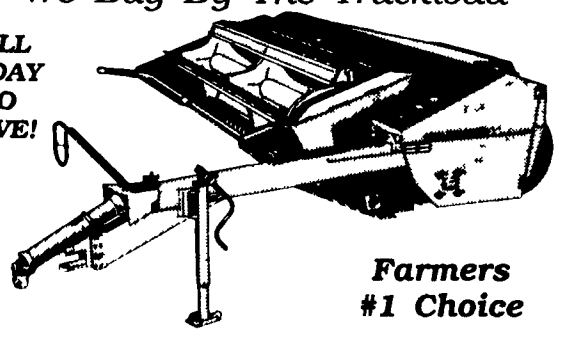

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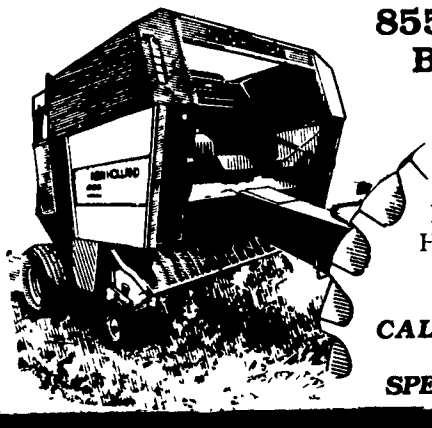

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NH 320 Baler w/70 Thrower
NH 469 Haybine
IH 1190 Mower Conditioner
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NH 27 Blower
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NH Bale Elevator
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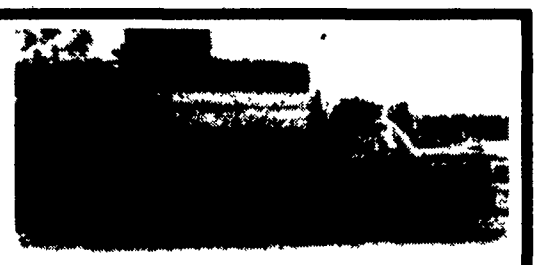
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Ford 555 Loader Backhoe w/ROPS
Ford 550 Loader Backhoe w/ROPS/torque conv.
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Case 580 Loader Backhoe, Gas
Case 580D Loader Backhoe w/Cab
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Case W20 Loader
JD 820 Track Loader
JD 350 Loader w/Backhoe Attachment
Gehl 4400 Skid Loader
Cat 518 Skidder

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Hesston 1090
Hesston PT-10 Windrower
NH 469 Haybine
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Gehl 1080, Rotary Disk Cut

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Gehl 610 Forage Wagon
IH 550 w/2 Row Head And Pickup
Fox 3000 Harvester
Fox 2000 Harvester w/2 Row Narrow
NI 329 Super Sheller
Assortment of Gehl 99 Forage Blowers

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JD 520, 3 pt., PS, weights, 1 owner, real nice
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Farmall 230, fast hitch w/cult.
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Bale Throwers For Parts
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Oliver 62T, 620
NH 66, 67, 68, 69, 78, 269
JD 14T, 24T
IH 27, 37, 45, 46, 47, 56, 430
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36' Speed King elevator
AC haybine for parts
NI #299 Haybine
NH 256 hay rake, rubber teeth $1300
JD 640 hay rake, dolly whls., new paint $1050
NI 400 hay rake $675
NH 261 & 269 Haybines, Parts
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NH 68 w/Chute
NH 67 w/Chute
NH 273 super sweep pickup w/chute
NH 276, ss pickup, w/#58 thrower
Oliver 520, ss pickup, w/thrower, nice
NH 68 w/thrower
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PTO Assemblies For Balers
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SKID LOADERS
Case 1737

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NH 273 Baler w/thrower
NH 55 Rake
NH 489 Haybine
NH 479 Haybine
IH 440 Baler w/No. 10 Thrower

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Gehl 95

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NI 214 3 Btr.
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JD 465 Tank Spreader w/ Hyd. Lid Opener
IH 530 2 BTR.

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Oliver 77
Oliver 1650
Oliver 1955

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Simplicity 6011 w/42" Mower

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NI 279 cutditioner, $2,700

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Lackawana Co., PA

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1066 Cab
986 Cab
826 D Cab Turbo
684 D RC w/2250 Loader
656 G 3 pt.
1850 D. Oliver
IH 560 NF 'fast hitch
544 Dsl, Hydro
(2) IH 154 LoBoy w/ mowers
BN Tractor
Ford 9N
F300 Gas
2 Farmall Cubs w/Belly Mowers
Allis B w/Woods Belly Mower
(2) Farmall Super M's
(2) Farmall H's
Farmall C
IH 315 G Combine w/13' Humo
MF 550 Combine w/13' hume & 4 RW, 1,225 hrs.
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JD 13' Disc
Brillion 3 PT 7 Tooth Chisel
IH #2A Hay Conditioner
PTO Hydraulic Roll Mill
Used Cadets 10HP to 20HP
Bush Hog 7'
IH 12½' Vibra Harrow

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Amco Disk 10½'
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White 265 Tractor
MM 670 Gas Tractor
MM G1000 Vista
Gleaner F2 Combine w/13' & 6R C H
AC 4R Planter
JD 7000 Planter Conservation
Gehl 1400 Round Baler
Gehl 95 Grinder Mixer
18' Brady Hyd Fold Chisel Plow
Fox 728 2R Corn Head
IH 15' Chisel Plow
NI 6R Double Frame Planter
Hesston 1090 Windrower
Niemyer Power Harrow
White 5B 16" SAR Plow
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Pittsburgh 12' Field Cultivator
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IH 400 cyclo 6 row planter, dry
JD 100 12' chisel plow, pull type
JD 8350 18x7 grain drill
JD 16A flail chopper, 6' good condition
JD 830 SP, Windrower, 12'
JD 1209 mower conditioner
IH 1190 mower conditoner, good
NH 495 mower conditioner, 12', pull type
NI 324 2 row wide corn picker, very good
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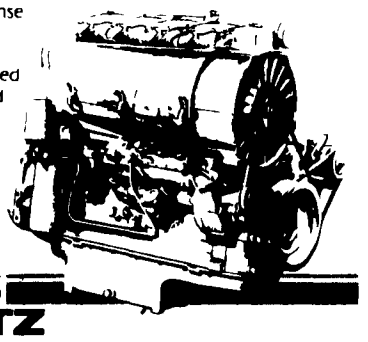

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S3F	54/3000	3	135	520	LMF, MUF, DI, FIT	$3,139
S4F	65/2500	4	180	595	LMF, MUF, DI	$3,397
S4FT	87/3000	4	180	606	LMF, MUF, DI, T, FIT	$3,688
4D31T	96/2500	4	201	771	DI, T, FIT	$3,674
6D31	108/2500	6	302	926	DI, FIT	$4,251
6D14	121/2500	6	400	1224	DI, FIT	$4,913
6D14TH	167/2800	6	400	1279	DI, T, FIT	$5,787
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2	Kuhn 452T 17' Tow Type Rotary Tedders	$2,400
1	Kuhn GF25 3 Pt. 11 Ft., Tedder/Rake	$2,600
1	New Holland 472 7' Haybine	$6,950
1	John Deere 327 Baler w/40 Ejector	$9,695
3	Bale Queen 8x18 Steel Bale Racks w/8 Ton Wagon On New 11Lx15 8 Ply Tires	$1,925
1	Little Giant 28' Tubular Bale Elevator	$675
1	Brillion 12' Flail Shredder w/4 New Imp. Tires	$5,270
3	Woods M-5 Dixie 5' Mower, 3 Pt.	$625
1	John Deere 506 3 Pt. 5' Mower	$995

Other New Equipment

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1	Pepin 12' Spike Harrow	$375
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1	John Deere 712 Mulch Tiller 11'3"	$7,495
1	John Deere 215 12' Dura Cushion Disc	$6,580
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1	Brillion 13'4' Packer w/Transport	$2,450
1	Knowles 9' Harrow- Pull Or 3 Pt.	$725
1	Herd 750 Lb. 3 Pt. Seeder/Spreader	$645
1	Eurospand 500 Lb. 3 Pt. Spreader	$350
2	RB 6 Woods 3 Pt. 6' Blade	$305
2	RB 7 Woods 3 Pt. 7' Blade	$320
2	Arps AB150 7' 3 Pt. Blade	$335 and $395
1	6 Ft. 3 Pt. Hitch Superpan	$625
1	Pequea 3 Pt. Cordwood Saw	$575

Used Equipment

1	New Holland 78 Twine Baler	$695
1	New Holland 282 Wire Baler	$1,895
1	New Holland 269 Twine Baler	$895
1	New Holland 469 Haybine	$1,425
1	Gehl Hi Throw Blower	$650
1	New Holland 282 Twine Baler	$3,500
1	I.H. 311 5' 3 Pt. Mower	$650
1	New Holland 770 Harvester 540 PTO, Manual Controls	$2,895
1	New Holland 770N 2 Row Narrow Row Crop Head	$795
1	New Holland 36 6 Ft. Flail Chopper	$995
1	Ford 9N's	Choice Of 2
1	New Holland 519 Manure Spreader	$1,995
1	New Holland 328 Manure Spreader	$595
1	Landoll Soil Master 5 Shank	$3,500
1	IH 710 6 Bottom Auto Reset Plow	$1,995
1	Brillion 10' Cultipacker	$595
1	IRECO 4" Irrigation Pump w/Overhauled Wisconsin Engine	$1,995

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Bobcat Model 722, 60" Bucket $5,500
Bobcat Model 530, 48" Bucket $5,500
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JD 4630, SGB, 4 WD, good cond.	$13,800
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JD 4230, SGB, QR trans.	$13,200
JD 4630, PS trans, cab, air	$12,500
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JD 2940 2 hyds., hi-low, nice	$12,000
JD 2840, late model, sharp	$9,500
JD 2440 Hi-Lo w/new tires	$8,500
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JD 2440, overhauled last year	$7,500
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JD 1020 Dsl. Ind. PTO, Fair	$5,500
JD 4010 LSOLD WF, 2 hyd.	$5,200
JD 2520 Gas, NF, Side Console	$4,800
JD 2510 diesel, WF, SR trans	$4,500
JD 2020 Dsl., 54 HP	$4,200
JD 950 dsl., new tires, fair cond.	$3,800
JD 318 Lawn tractor w/mower	$3,800
JD 4010 dsl., WF, fair cond.	$3,500
JD 48 Loader w/Valve	$2,200
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JD 2R no-till corn planter	$800
M & W Turbo Kit for JD 4020	$800
JD Rollbar & roof off 2350	$650
JD A w/hyds. & elec. start	$650
Pair JD 18.4x38 axle duals	$600
M & W Turbo Kit for JD 3020	$600
IH 18.4x38 axle duals, like new	$600

Zimmerman Elevators, Hay Tedders
Wagon Gears & Forage Wagons
Farmco Metal Feeder Wagons, Bale Bodies & Country Boy Gravity Bins

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THE SLURRY MIXER is built to handle your liquid manure agitating problems

This 3 point hitch Slurry Mixer's large 22" propellor produces a strong undercurrent that moves liquids, floating chunks of crust, weeds, bedding and dried manure into the propellor that chops, mixes and blends your manure into an even liquid Slurry

Priced at $2,285

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148 WEST METZLER ROAD RD #2
EPHRATA, LANCASTER COUNTY, PA 17522
PHONE (717) 859-3869

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JD 2800 5 btm. plow, on the go variable width, ~~$6,400~~ $5,600
5 shank 12' sheer bolt sub soiler w/coulters (can be used in row crops), like new, $3,200
Liquid fertilizer side dresser, 6x30" rows w/Side Hill hitch, $900

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NH 55 Rake	$750
10' Crows Foot Brillion Cultipacker	$450
Littleston 6R 3 PT Folding Cultivator, Danish Tines	$1250
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* JD 3960, 2 RN Hay Head w/Warranty	$9,450
* JD 4020, Dsl., PS, Dual Remote, New Tires	$6,950
NH 3RN Snapper Head, Like New	$2550
NI 245 Spreader, Tandem Axle, Tail Gate, T-Bar Chain, Litter Pan Available	$3,650
NH 28 Blower, Excellent Condition	$950
NI 323 Picker	$1,650
NI 12 Spreader, Painted	$695
* Oliver 77 row crop, 6 spd. trans. pulley	$675
* Oliver ground drive spreader, original & clean, one of a kind	$775
* NH 2RW Corn Head to fit 890, 892, Like New	$450
JD 15 Disk Grain Drill, Yellow Lids, FDB	$750
JD 15 Disk Grain Drill, FB	$295
* Case David Brown 995 Dsl., 2800 Hrs., Clean & Original	$5,950
Pequea #710 PTO Tedders, New	$1,315
JD 2B 16" Plow, Cover Boards & Coulters	$450
* JD rollover frame for 50 series tractors, like new	$450
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Stoltzfus bale bodies w/Wenger gears	

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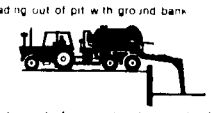
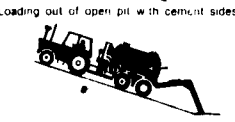
HAUL LIQUID MANURE ALL DAY WITHOUT GETTING OFF THE TRACTOR SEAT USING THE SLURRY BUGGY EASY LOADER
THE SLURRY BUGGY IS DESIGNED FOR YOUR MANY LIQUID MANURE HANDLING JOBS.

Loading out of pit with ground bank

Using 6 side valve and hose for pumping out open pits or under building


Loading out of open pit with cement sides

Using top hydraulic manhole for loading with pump (optional)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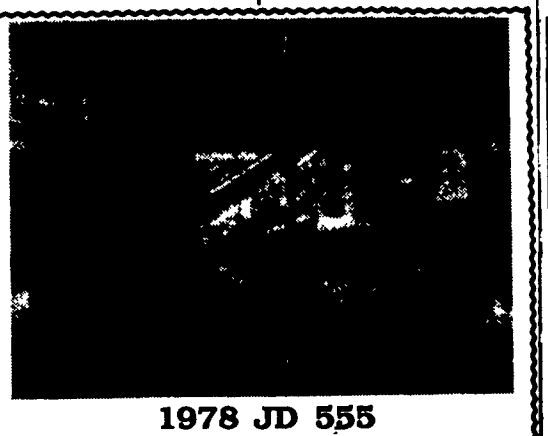

1978 JD 555
$13,000
301-833-9091

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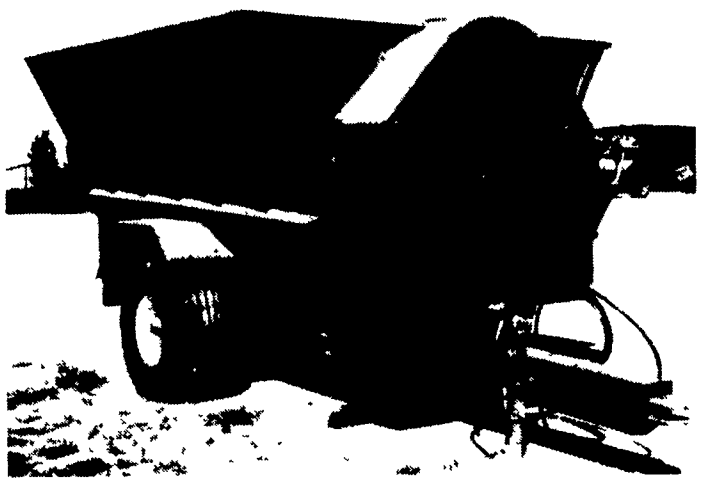

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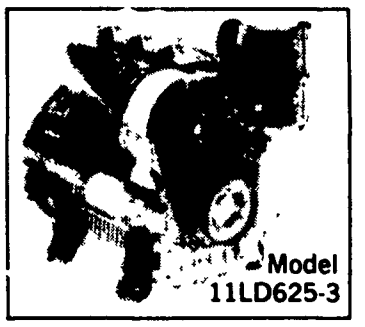

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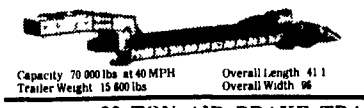
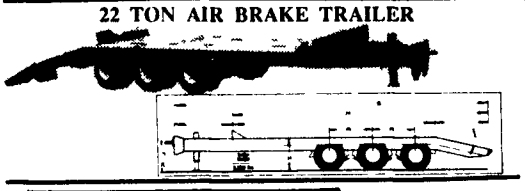
BEAVERTAIL + RAMPS 35GHG/BR — Consider A New Demo Priced Right!



Deck Length 20
Deck Width 96
Deck Height 26
Tires (8) 255/70R22 5
Capacity 70 000 lbs at 40 MPH
Trailer Weight 15 600 lbs
Overall Length 41 1
Overall Width 96
Get A Super Lease Deal!

22 TON AIR BRAKE TRAILER



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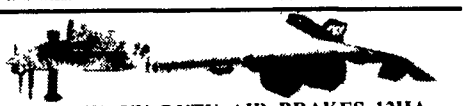
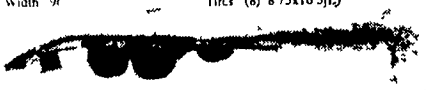
10,383 36 In Stock!
Stop In For A SUPER DEAL!
* Lease For Only $240/Mo.
Capacity 40 000 lbs at 50 MPH
Trailer Weight 7 050 lbs
Overall Length 27 6
Overall Width 96
Deck Length 22
Deck Width 96
Deck Height 37

10 TON HEAVY DUTY AIR BRAKES 10HA
Capacity 20 000 lbs at 54 MPH
Trailer Weight 5 800 lbs
Overall Length 27 6
Over ll Width 96
7,995
Deck Length 22
Deck Width 96
Deck Height 33
Tires (8) 8 75x16 5(E)
In Stock!



12 TON HEAVY DUTY AIR BRAKES 12HA
Eager Beaver
Capacity 24 000 lbs at 54 MPH
Trailer Weight 6 200 lbs
Overall Length 27 6
Overall Width 96
Deck Length 22
Deck Width 96
Deck Height 32½
Tires (8) 9 00x14 5(F)

9 TON HEAVY DUTY BRAKES 9 HDB
Capacity 18 000 lbs at 60 MPH
Trailer Weight 5 550 lbs
Overall Length 27 6
Overall Width 96
Deck Length 22
Deck Width 96
Deck Height 33½
Tires (8) 8 75x16 5(L)



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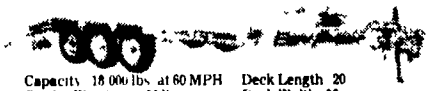
* Why Not Lease?



Capacity 18 000 lbs at 60 MPH
Trailer Weight 4 600 lbs
Overall Length 26 6
Overall Width 96
Deck Length 20
Deck Width 96
Deck Height 33
Tires (6) 9 50x16 5 (E)

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PARTS PAYBACK '88

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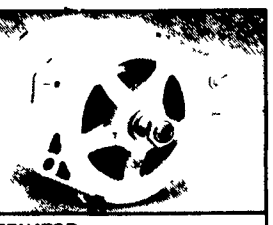
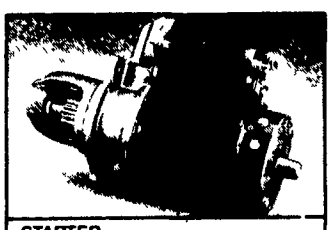
Case IH

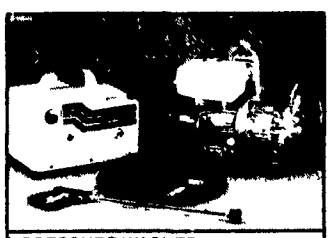


ALTERNATOR
Good towards the purchase of any Case IH Remanufactured Alternator Limit one
Pricing Example
Case IH Alternator #130126Z
Special Price (Exchange) $59 49
Mfg Rebate 5 00
Net Cost After Rebate **$54.49**
Case IH Rebate Expires July 16 1988

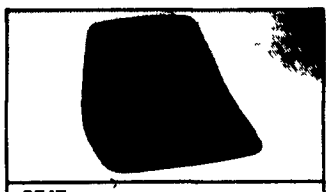


STARTER
Good towards the purchase of any Case IH Remanufactured Starter Limit one
Pricing Example
Case IH Starter, #480905Z
Special Price (Exchange) $53 48
Mfg Rebate 5 00
Net Cost After Rebate **$48.48**
Case IH Rebate Expires July 16, 1988

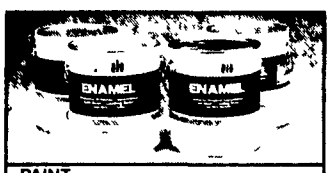
FILTERS
Good towards the purchase of either #A44081 or #A184775 engine oil filters Limit 12
Oil Filters #A44081
Special Price $ 4 98
Mfg Rebate 50
Net Cost After Rebate **$ 4.48**
Oil Filters #A184775
Special Price $ 5 79
Mfg Rebate 50
Net Cost After Rebate **$ 5.29**
Case IH Rebate Expires July 16 1988



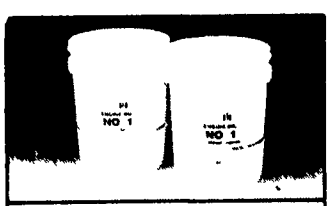
PRESSURE WASHER
Good towards the purchase of either 1500GH gas pressure washer part #B17604 or 1000GED electric pressure washer part #90992 Limit one
1500GH Gas #B17604
Special Price $871 86
Mfg Rebate 50 00
Net Cost After Rebate **$821.86**
1000GED Electric #B90992
Special Price $549 99
Mfg Rebate 50 00
Net Cost After Rebate **$499.99**
Case IH Rebate Expires July 16 1988



SEAT
Good towards the purchase of one lawn and garden tractor seat #ZSA7768102 Limit one
Special Price $38 79
Mfg Rebate 4 00
Net Cost After Rebate **$34.79**
Case IH Rebate Expires July 16 1988



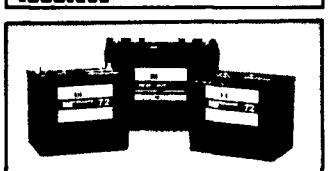
PAINT
Good towards the purchase of 1 gallon of Case IH enamel paint Any color Limit of four 1 gallon cans
Pricing Example
Case IH #B17562 Gloss Red
Special Price $23 49
Mfg Rebate 5 00
Net Cost After Rebate **$18.49**
Case IH Rebate Expires July 16 1988



ENGINE OILS
Good for any 5 gallon container of diesel engine oil Single or multi viscosity Limit two
Pricing Example
Engine Oil #407356R3
Special Price (SAE30) $22 95
Mfg Rebate 4 00
Net Cost After Rebate **$18.95**
Case IH Rebate Expires July 16 1988

HAND CLEANER
Good for one 4 5 lb container of either standard #B17585 or antiseptic #M20662 hand cleaner Limit one
MFG. REBATE
$3.00 ea.
Case IH Rebate Expires July 16 1988

HY-TRAN PLUS
Good for a 5 gallon container of Hy Tran Plus Hydraulic Fluid Part #372705 Limit two
Special Price $22 89
Mfg Rebate 4 00
Net Cost After Rebate **$18.89**
Case IH Rebate Expires July 16 1988



BATTERY
Good towards the purchase of either #B2472 #B7472 or #BHC30 Limit two
MFG REBATE
$6.00 ea.
Case IH Rebate Expires July 16 1988

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Used 33 Crop Chopper
Used NH 1495 SP Haybine
Used 479 Haybine
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Used 273 Baler
Used 56 Rake

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Used Farmall H
Used Farmall H w/WFE
Used Ferguson T030

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New Ford 208, 12' Field Cultivator
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New NI 406 Rake
Used Ford 907, 7' Flail Mower
Used IH 1150 Grinder Mixer
Used Ford 311 Corn Planter, 4R
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2R Corn Head to fit IH 550 Harvester
Tye 80" Pasture Pleaser No-till Drill
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Ford 4WD 555 Backhoe
JD 3 Beater Forage Box
NH 890, 2RN Harvestor w/Metal Alert
NI 323, 1R Late Model Corn Picker
NI 323 Corn Picker
NH 273 Baler
NH 268 Baler w/ Thrower
NH 489 Haybine
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Brillion 14' Field Cultivator	Brillion 32' Crow Foot Packer
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Chatanooga 14' Packer	JD Plow, 5x16
Case 14' Disk	Ford 142 Plow 5x16
Krause 1976 Disc, 33'	Krause 2321 Chisel Plow 26'
Krause 2416 Disc, 26'	Oliver Plow, 4x16
(2) Krause 1966 Disc 31'	IH 800 Plow, 10x18 Auto Reset
Sunflower Disc 29'	IH 720 Plow, 7x16
Sunflower 1330 Disc, 20'	IH 720 Plow, 6x18
JD 230 Disc, 20'	Tebben Deep-Till, 7x30"
Brillion 23' Notched Packer	

MISCELLANEOUS

Ferguson Ditcher	IH 47 Baler
NI 245 Manure Spreader	IH 800 Planter, 12R
NI 299 Mower Conditioner	NH 1495 Haybine
IH 990 Mower Conditioner	IH 725 Windrower
JD 8300 Drill 23x7	IH 60 Shredder
IH 510 Drill 24x6	Roanoke Hydraulic Boom Mower
IH 46 Baler	

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(1) TR85 New Holland w/15 Ft. Grain Platform And 6 Row Cornhead Rotary Combine

PRICED FOR CASH OR LEASE!

SELF-LEVELING SKID LOADER-GEHL 4610
Diesel Powered, 44 H.P., Hydrostatic Drive, 10.00x16.5 Flotation Lug Tires, Factory Working Lights
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Supply Is VERY LIMITED...Get Yours NOW!

We Are Ready To Deal On All New GEHL 2170 9 Ft. PULL-TYPE MOWER CONDITIONER
w/Hydraulic Swing ~~$7,900~~
We Have (1) NEW 2140 7 FOOT MODEL GEHL MOWER CONDITIONER
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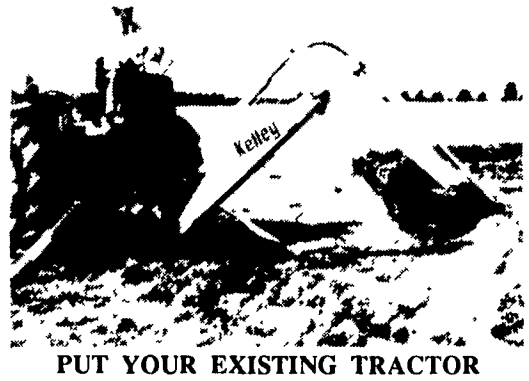

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It Does Work Effectively!
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Small Drum, 1000 RPM Diesel Drive Blower
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NEW DIESEL GEHL 23 HP SKID LOADER
3410 Hydrostatic Drive
Demo Price Only $8,850

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New GEHL 6620 SKID LOADERS
60 HP Perkins Diesel
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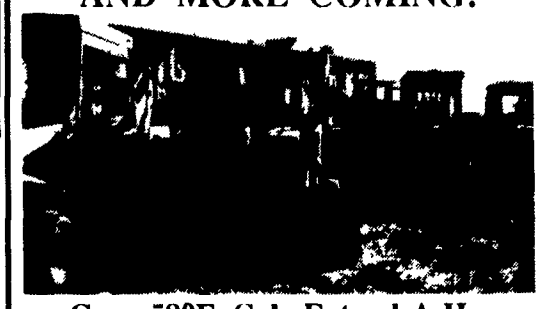
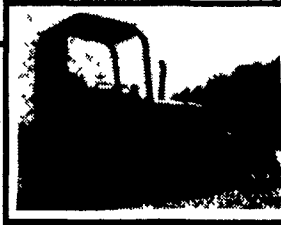


Case 580E Cab Extend-A-Hoe
JD 1980 Model 310's w/Cabs
Case 580C With Cab



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1979 Model
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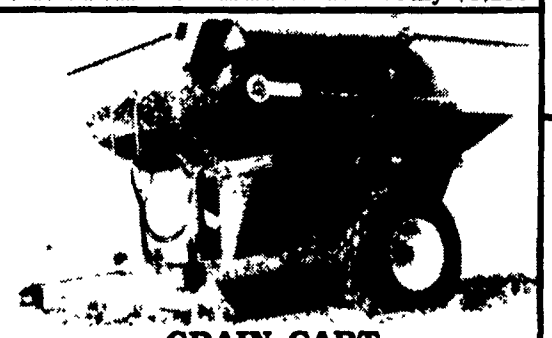

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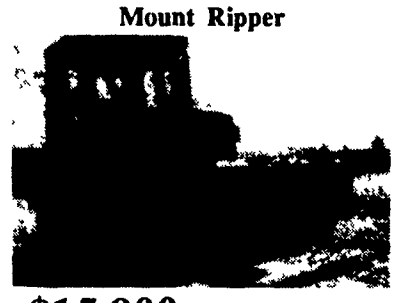

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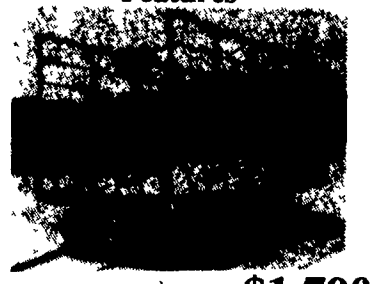

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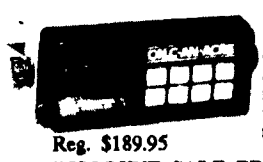

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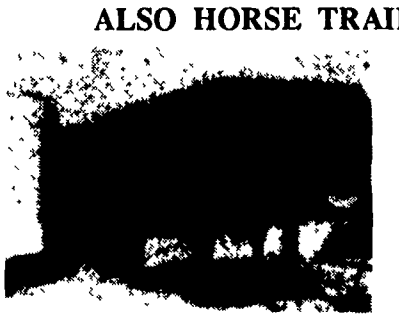

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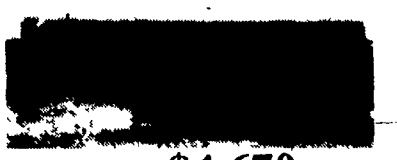

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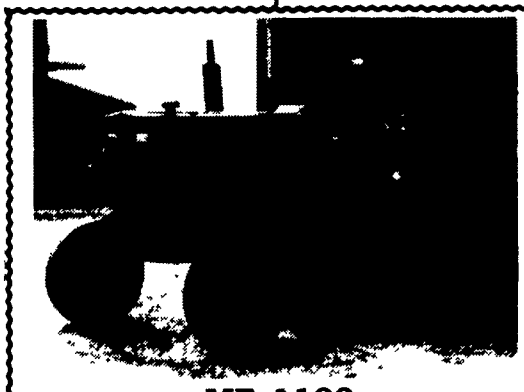

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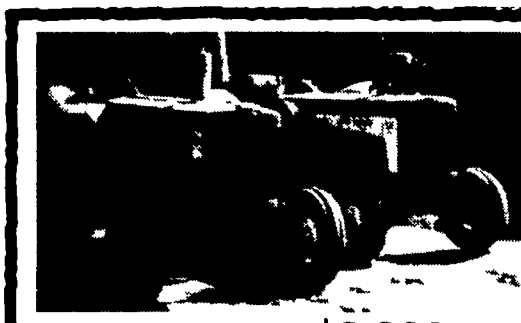

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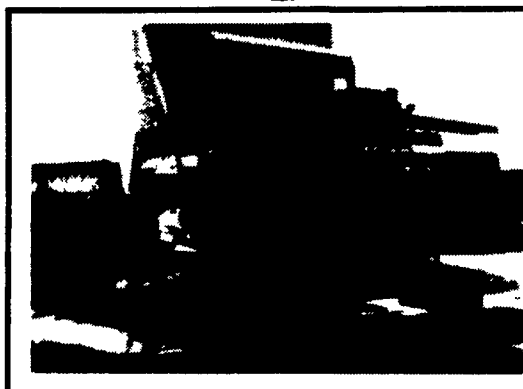

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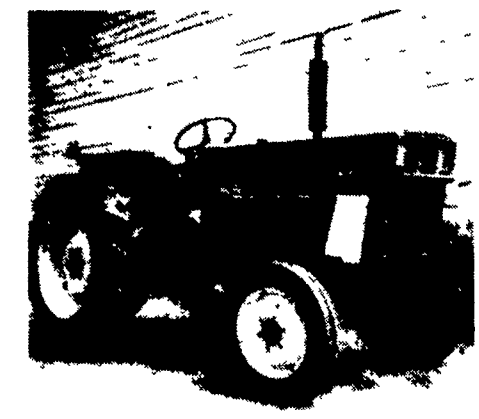

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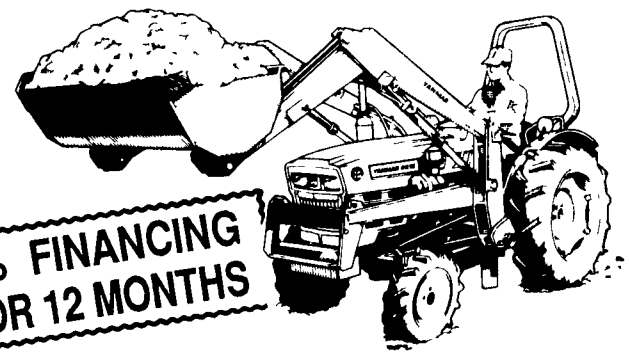

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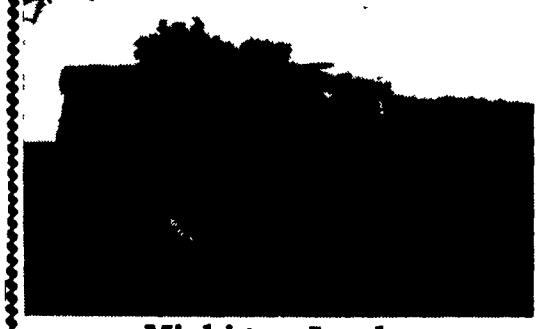

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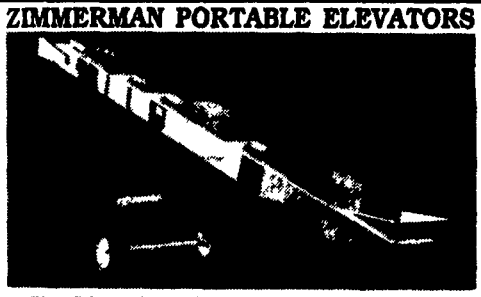
- Ind. JD 300 Tractor w/Loader and Cab, 2200 Hrs. $8,400

USED EQUIPMENT

- NH 455 Mower w/New Guards $1,150
- Brillion Cultipackers, 10, 11, 12, Ft
- Gehl 600 Forage Harvester $1,600
- New Grimm Hay Tedder $1,450
- 6500 JD Forage Blower $850
- New NH 18 Ft. Skeleton Elevator $450

ZIMMERMAN PORTABLE ELEVATORS



WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE

• 28 Ft **$1750** • 32 Ft. **$1850**
36', 40', 44' & 48' Also Available
Call For Prices

WE REPAIR FARM-RELATED TRACTOR & DIESEL ENGINES
No Job Too Small Or Large
Reasonable Rates

AVCO VM Diesel

MILLER'S REPAIR
1 Mile North of Bird In Hand
8 Miles East of Lancaster
RD 1, Bird In Hand, PA Ph. 717-656-6109

GOING OUT OF BUSINESS SALE

Complete Close Out Of 50 Years Of Inventory

Cash - No Trade - No Credit
All Sales Final
All Reasonable Offers Considered

NEW EQUIPMENT - Full Warranty

MF 212 bale thrower, $2,000
MF 585 8½' hay rake, $2,000
MF 1144 corn head, $8,500
Vicon PS302 fertilizer spreaders, $700
Woods 348 mid mount mower, $600
Husqvarna 266 chain saw, $368
Woods 5' blade, $150

USED EQUIPMENT

MF 124 baler, complete gone over, $1,500
Zweeger CM165 mower, $850
MF 750 combine w/grain table, $12,500
MF 2 row thru 4 row corn heads, $500 & up
Many miscellaneous items

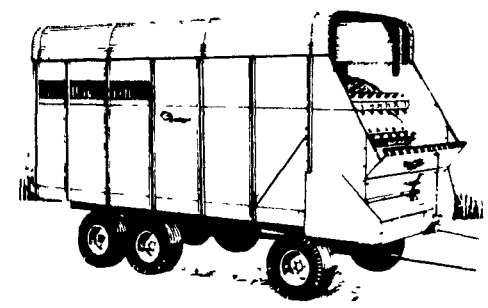
OIL SPECIAL

MF 1103 transmission oil, 2½ gallon $9.50
SAE30 .90 cents a quart
15W40 .90 cents a quart
90 gear oil, 2½ gallon, $12.50

Starting June 27th
50% Off On All Parts In Stock Only

Massey Harris - Massey Ferguson - New Holland - Wisconsin - Woods - Hardi - Century - Iron Age - Mechanical Transplanter - Holland Transplanter - McConnell - Vicon - Matthews

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
(1 mile south on Route 42 on top of the hill)
717-356-2323



We Are Extending Our Spring Special On Forage Wagons
1 New Weathered Wagon At
$6,250

EQUIPMENT FOR SALE OR RENT

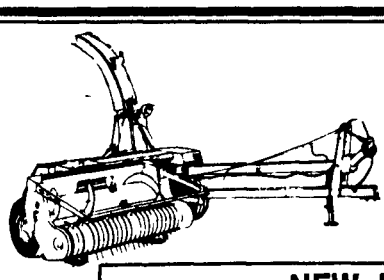
BADGER
3,350 gal. liquid manure tank
1,500 gal. and 2,300 gal. vacuum tank
330 Bushel Manure Spreader
Ear Corn Roller Mill w/Blower
Pit Pump
Mower Conditioner
Weaverline Cart
Lagoon Pump
Lagoon Super Mixer
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Handy High Pressure Washers
Oswalt Mix Wagons
Post Hole Digger
Badger Snow Blowers
We Do Aluminum Welding

WE SHIP UPS DAILY
SHOW-EASE STALL CO.
573 Willow Rd., Lancaster, Pa.
Ph: 717-299-2536

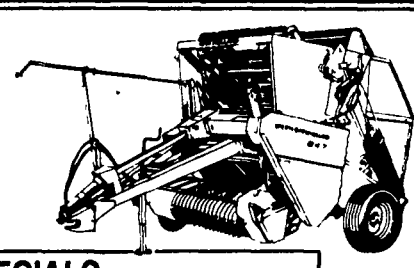
FARMER GOING OUT OF BUSINESS

Case 1896 all wheel drive, cab, air, heater, 12 speed electric shift, 4 remotes, less than 400 hours with 96L Case loader
Int. 986D - High Clearance, Rops, only 1052 hours.
Int. 656D - High Clearance, with rear fert. attach. and front cult.
Int. 140 - High Clearance, Cults. and fert. attach.
Int. 140 - Cults. and fert. attach.
Int. AV with vacuum lift and cults.
Hardy 500 gal. stainless steel sprayer with hyd. booms.
Hutchmaster plowing disc.
White chisel plow, 12' like new condition.
McConnell S tine 16 ft. harrow.
White 508 plow - 4 bot. SAR disc coulters, covers bds., depth wheel and side hill hitch (only plowed 100 acres)
3 row Mechanical transplanter.
Two 1969 GMC's with 24' aluminum van bodies
38' tandem flatbed trailer, good condition
35' tandem flatbed trailer, fair condition
25' single axle flatbed trailer, fair condition
Tandem axle dollie
WE WILL NOT BE RESPONSIBLE FOR ACCIDENTS ON OUR PREMISES

KENNETH A. WILLIAMS
R.D. #1 Box 84,
Shickshinny, PA 18655
Luzerne Co.
(Sweet Valley)
(717) 256-3309



Ford FORD NEW HOLLAND

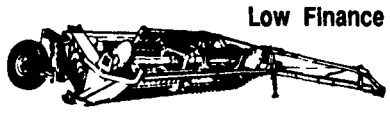


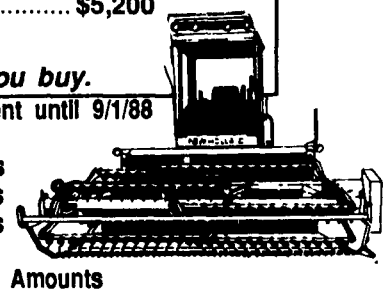
NEW EQUIPMENT SPECIALS

NH 514 Manure Spreader, 1100x20 Tires	$3,350
NH 353 Grinder-Mixer, Like New	Call for Price
NH 718 Harvestor (Rental Model)	$5,700
Cash Discount	$500
Total Cash Price	$5,200

Many more items in stock
Check our inventory & price before you buy.

Free Financing on Hay & Forage Equipment until 9/1/88
or
Low Finance Rates 0% - 12 Months
5.9% - 24 Months
7.9% - 36 Months
or
Check with us for Big Cash Rebate Amounts





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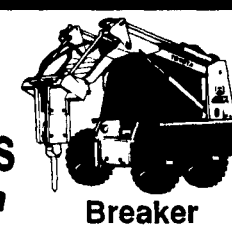
East Main St., Honey Brook, Pa.
215/273-3131 or 215/273-3737
Dependable Is More Than Our Name

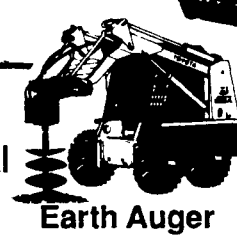
Ransome Lift

TOYOTA
Skid Steer Loaders
The Clear Choice In
Versatility

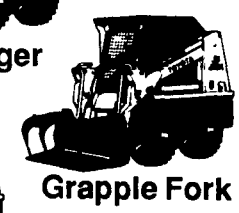


Breaker

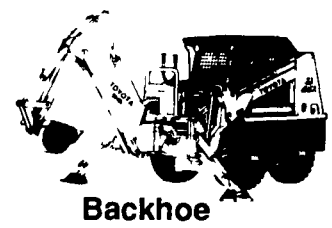
Rake



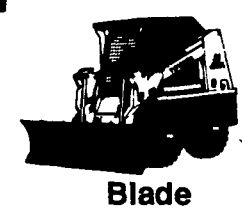
Earth Auger



Grapple Fork



Backhoe



Blade

These Attachments Also In Stock For Sale or Rental

- Pallet Fork
- Rotary Broom
- Rockhound Rake
- Caretree Tree Transplanter
- Trencher

Free Vandal Proof Kit
For The Month of May
On Any New TOYOTA

Call the Skid Steer Specialist in your Area

Ransome Lift Equipment Co.
2975 Galloway Road Bensalem PA 19020 / (215) 639-4300

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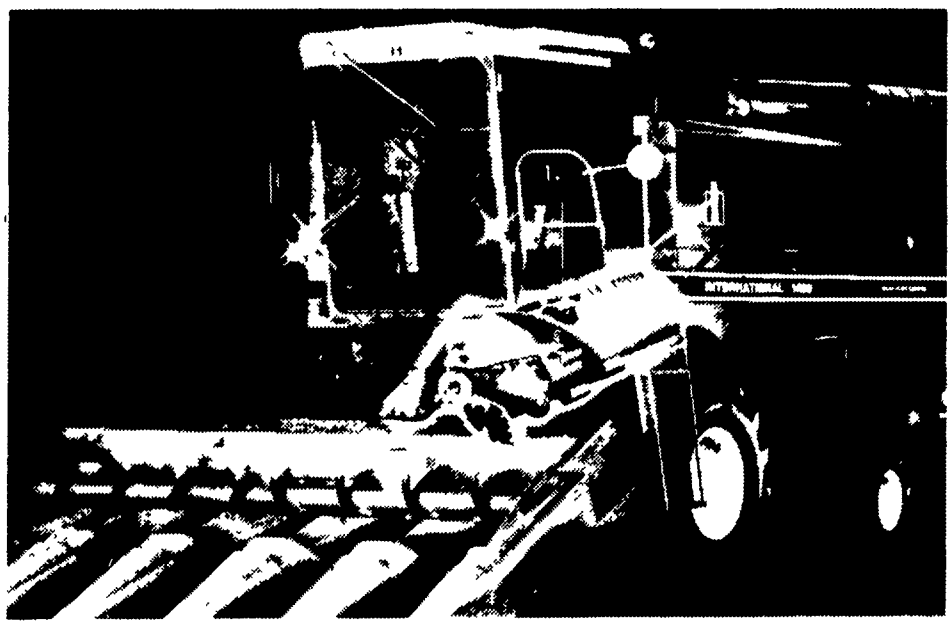


You Don't To Know Recondition **YOU JUS**

1st LAW Of Hoober Reconditioned Axial-Flow Combines

SEVEN (7) YEARS OLD IS NOT EQUAL TO (≠) WORN OUT

Because of the simple design of the CASE IH Axial Flow Combines, they can be reconditioned by Hoober's expert combine mechanics to like new condition, so they will provide 2nd and 3rd owners years of satisfactory and profitable operation.

2nd LAW Of Hoober Reconditioned Axial-Flow Combines

2500+HOURS PLUS (+) HOOBER RECONDITIONING EQUALS (=) YEARS OF DEPENDABLE SERVICE.

2500+ hours on a conventional combine usually means it will be too much trouble to be dependable. Axial-Flow Combines with 2500+ hours reconditioned by Hoober's have proven to run for years when bought by farmers in Pennsylvania, Delaware, Maryland, New Jersey and New York.

3rd Law Of Hoober Reconditioned Axial-Flow Combines

A CASE-IH AXIAL-FLOW COMBINE SERVICED BY EXPERT HOOBER COMBINE MECHANICS EQUALS (=) LITTLE OR NO DOWN TIME DURING HARVEST.

When Hoober's expert combine mechanics service Axial-Flow Combines in the off-season, they run trouble-free through the season.

caseih

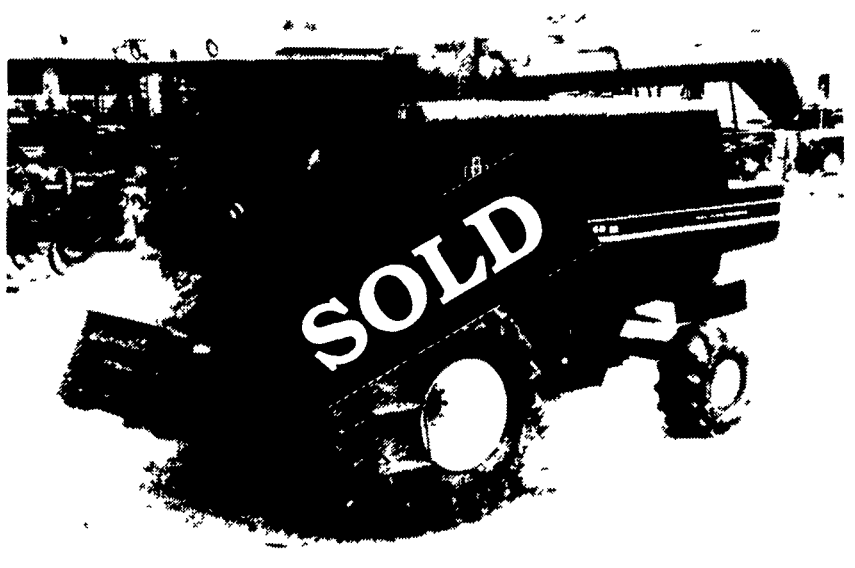
All New & Used Products
Backed By Hoober
Parts & Service

(717) 768-8231

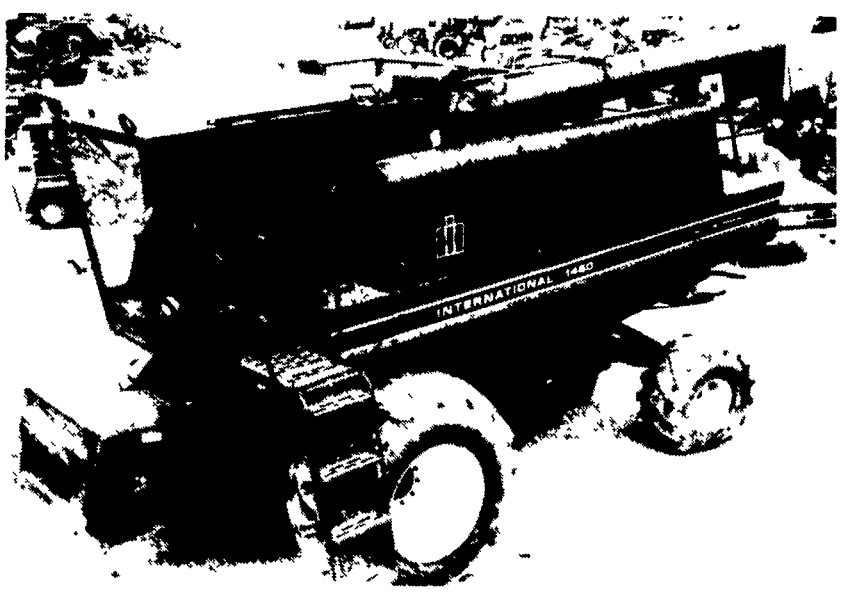
C.B. H BE
INT CO

't Need To Be A Scholar
The 3 Laws Of Hoober
ned Axial-Flow Combines
T NEED TO TRY ONE!

When You Need A New Combine, Look At One Of Hoober's Reconditioned Axial-Flow Combines:



IH 1460 Axial Flow, Diesel, Hydro, 1984, 1529 Hours, 30.5x32 & 18.4x16.1 Tires, A/C, Auto Header Control (U3398)



IH 1460 Combine, Diesel, Hydro, Cab w/Air & Heat, 30.5x32 & 18.4x16.1 Tires, Auto Header Control, Monitor (U3076)

IH 1460 Combine, Diesel, Hydro, Cab w/Air & Heat, 30.5x32 & 18.4x16.1 Tires, Auto Header Control, Monitor (U3238)

IH 1440 Combine, Diesel, Hydro, 1753 Hrs., A/C & Heat, 28Lx26 Tires, Auto Header Control, Monitor (U3092)

BUY YOUR NEXT COMBINE FROM THE COMBINE DEALER

OTHER GOOD USED COMBINES

- JD 6620 Side Hill, Diesel, Hydro, 2400 Hrs. (U2121)
- MF 510 Diesel, Gear, AC, Grainsaver, 18.4x26 Tires (U1995)
- IH 715 Combine, Diesel, Gear, 18.4x26 Tires (U3080)
- AC Gleaner FKS, Diesel, Hydro, 18.4x26 Tires (U3342)
- IH 1460 Combine, Diesel, Hydro, A/C, 28Lx26 Tires, Reconditioned (U2060)
- AC Gleaner N5, Diesel, Hydro, 4WD, 24.5x32 Tires, 1450 Hours, 6 RN Cornhead, 15 Ft. Platform (U2888)
- IH 715 Diesel, Hydro, A/C, 1250 Hours, Reconditioned (U2113)
- JD 7700 Diesel, Gear, A/C, Chopper, Handyman Special (U1361)
- MF 510 Diesel, Gear, A/C, 18.4x36 Tires, Sharp (U1992)
- Just Traded - IH 1480 Diesel, Hydro, A/C, 1984, 30.5x32 Tires, Extra Sharp

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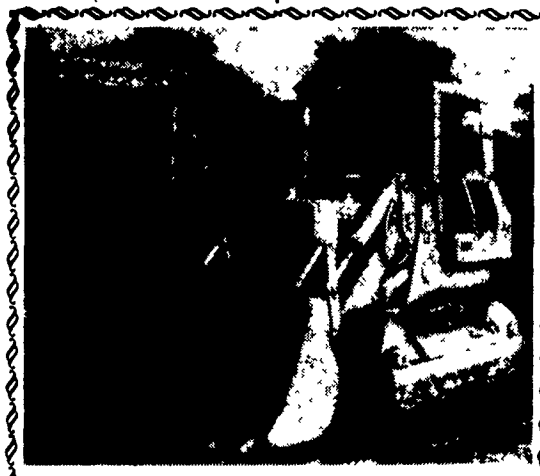
BER & SON INC.
COURSE, PA

Authorized UPS Station

VISA



Cat 955K
$11,000
301-833-9091

JOHN DEERE **Nothing runs like a Deere**

Tractors (Used 50 Series)

JD 4450 MFWD, Cab, Heat, Air, P. Shift, 1900 hrs..... Coming In
JD 2550 2WD, Excellent, 300 hrs., New Warantee..... $15,900
JD 2350 2WD, High-Low, 96 hrs., New Warantee..... $15,900

(Other Used Tractors)

JD 2940 2WD, Excellent..... $15,000
Long 560 MFWD, 1900 hrs., SPECIAL $5,600
IH 4166 4WD..... $12,500
Farmall 300 w/Fast Hitch & Hydro.... $1,950
Ford 861 w/Lo SOLD $3,950
AC D-14 W/WF, PS, 3 Pt. Hitch..... $3,850
JD 750 MFWD w/Turf Tires, 67 Loader, No. 7 Backhoe, PS, 48 Hrs..... $13,300
JD 650 MFWD w/Turf Tires, 67 Loader, No. 7 Backhoe, 114 Hrs..... $9,500

(Late Model JD Combines)

JD 6600 Level Land 1978 Model Coming In
JD 6620 Side Hill w/2400 hrs., 1981 Model, Loaded..... $32,900
JD 6620 Level land w/2000 hrs., 1979 Model..... $24,900
JD 6600 Diesel w/2000 hrs., Hydro, 1976 Model..... $16,900
JD 3300 Gas w/Cab, Priced Right.... $5,500
JD 45 w/Cab, 2 Row Corn Head & Grain Platf SOLD $2,985
JD 55 w/Grain Head, Excellent..... $1,100
Gleaner K Combine w/3RN & 13 ft. Grain Platform..... $7,900
IHC 93 w/10 ft. Head..... $1,900
NI Uni-System 729A Sheller..... $1,500

Combine Heads

(1) JD 215 Flex Heads
(1) JD 643 Corn Heads, Low Profile, Your Choice..... $6,900
(3) JD 443 Corn Head, (1) Low Profile, Excellent..... Starting $4,500 Up
JD 653 Beam Head..... $4,985
JD 244 Corn Head..... $ 600

Implements

JD 450 Hydro Push Manure Spreader & Hydraulic End Gate..... $3,900
JD 7000 4 Row Planter w/Dry Fertilizer, No-Till, Excellent..... $6,250
JD 7000 4 Row Conservation w/ No-Till, Markers, Dry Fertilizer Coming In
JD 7000 6R Liquid Planter w/ No-Till, Excellent..... $7,500
JD 337 Baler w/ SOLD Ejector & Elec. Controls, L New..... $8,450
NI 325 Picker Sheller, 2RN..... $3,450
NH 320 Baler w/ Thrower, Loaded... $8,450
NH 271 Bal SOLD ..... Coming In
JD 950 Roller Harrow 15 Ft., Like New $4,985
JD No. 100 Stack Mover..... $1,000
Hesston No. 30 Stacker, Excellent.... $2,485
JD 675 Ski SOLD er..... Coming In
JD 51 Post Pounder, Like New..... $850
Brillion 18 Ft. Folding Harrow..... $2,250
Leyland Rotary Hoe..... $500
JD 1550 Power Till Seeder, As Is.... $3,000
JD 24T Baler w/30 Ejector..... Coming In

JD 15 Mini-Excavator
260 Hours
$13,900

WINELAND EQUIP. INC.

JOHN DEERE
RD2 Rte 164 East
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Phone 814-793-2109

USED EQUIPMENT

TRACTORS

JD 3020..... Coming In
Ford 1210 Hydro w/60" Mower..... $ 6,900
JD 4440 w/Cab & FWD..... $24,000
JD 4630 w/duals, PS, engine overhauled..... $15,000
Ford 841 w/Loader..... Coming In
Ford 3000, reconditioned..... $ 4,500
Ford 2000..... $ 3,900
MF 165 Dsl..... $ 4,900
Long U455 Dsl..... $ 4,500
Oliver 1855..... $ 5,500
IH 140 w/Woods Belly Mower..... $ 3,500
Ferguson 20 w/Woods Belly Mower..... $ 3,200
AC WD Tractor w/Loader..... $ 1,500

COMBINES

JD 6620 Side Hill w/215 Flex & 643 Corn Head..... $35,500
NI 801 Dsl. w/4WD 6R Head & 13' Platform..... Coming In
JD 6620 Side Hill 215 Flex, Reconditioned..... $46,000
JD 444 Corn Head..... $ 4,500
JD 443 Corn Head..... $ 5,500
JD QT 16' Head..... $ 2,200

PLANTERS

JD 8200 18x7 Drill..... $ 3,500
JD 7000, 4RW..... $ 2,800
(4) JD 6R Consv. Liquid..... Starting at $ 7,500
JD 1240..... $ 1,800
(2) IH 4R, 56 Planter..... Starting at $ 1,000

TILLAGE

JD 335 Disk (Demo) 25'..... $15,500
JD 315, 12' Disk..... $ 3,500
JD 1710A Mulch Tiller..... $ 3,200
JD 950, 12' Roller Harrow..... $ 3,500
JD 145, 4-14 Semi Plow..... $ 790
Assortment of JD & Ford 2-3 Bottom Plows

HAY & HARVESTING

JD 54 Manure Spreader..... $ 1,800
MF Pull PT Type Sickle Mower
JD 336 Baler..... $ 4,500
JD 24T Baler..... $ 1,500
JD 14T Baler..... $ 1,200
NH 276 Baler w/Thrower..... $ 4,500
JD 894 Rake..... $ 500
JD 894 Rake..... $ 700
IH 720 Harvester w/2 Heads..... $ 2,900
NH 880 Harvester w/2R Head..... $ 3,500
JD 40 Spreader..... $ 1,600
Ford 943, 6' Rotary Cutter..... $ 700

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TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

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15 h.p. 3 phase electric motor, 1145 RPM, $300
Flory's Mill
717-569-0516

NEW HOLLAND L-778 SKID LOADER
With JD diesel, new tires, $6800
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Ag-Industrial Equip. Co.

DEUTZ-ALLIS | JCB | KUBOTA Nothing like it on earth™ | Brillion NEW HOLLAND

TRACTORS

David Brown 885 Low Profile
IH 184 Loboy
Cat D6 Dozer w/Pan
Kubota L225
AC 7580 AC 5020
AC 7000 AC 190
AC 7020 AC 8030
AC 7060 Ford 8N
MF 2745
AC 200 w/Cab

BALERS

IH 47 w/10 Thrower
Hesston B450
IH 435
IH 440
NH 278 w/Thrower
NH 2000 Large Baler
(2) NH 269
NH 273
NH 276
NH 275 w/54A Thrower
JD
NH 846 Round

RAKES

NH 256 Hay Fluffer
NH S55 IH 35
IH (3) NH 258
Deutz Fahr KH40 Tedder
Vicon V Wheel
Yanmar Landsape

SPREADERS

Farm Hand
NI

FORAGE EQUIPMENT

NH 495
NH 890 N3 w/890A Head
NH 1495 SP w/Head
NH 892 w/2 Heads
NH 770 w/WPU
NH 890 w/880W & 822
Hesston 3RW & WPU
(2) NH 30 Blowers
Field Queen Side Dump w/4RN & WPU
NH 900, 2R 30" Snapper Head only
NI 703 Gas Uni System

MISCELLANEOUS

NH 455 8' Disk
NH 27 Blower
IH 1250 Grinder Mixer
NH 358 Grinder Mixer
NH 357 Grinder Mixer
NH 445 Skid Loader w/Bucket
Seed Easy Seeder
AC Disk 2500
Case Hammer Mill
Owatonna Skid Loader 1700
IH 1050 Grinder Mixer
2 NH #8 Boxes
Kory Running Gear
Century Sprayer
Haybuster Drill
NH 1010 Bale Wagon
Melroe Skid Loader

MOWERS

Toro Mower
NH 1900 w/919A4 & 919N4
Rhino 20' Batwing
Kuhn 7'10" Disk
Triumph Sickle Bar
NH 463 Disk
NH 451
Woods 121
Woods 5'
Boom Axe Side Mount

LAWN & GARDEN

AC 917 H w/Mower
JD 111
Yazoo
Case 446 w/Mower
AC 410 Tractor w/Plow
Homesteader 208
AC B112
IH F Cub
Kubota B6000 DT w/Ldr. & Tiller
AC 6 SOLD
Wheel Horse
IH 482 Cadet

PLANTERS

AC 600, 4R, Air
AC 600 4R no-till
AC 600 6R no-till
(2) AC 333

COMBINES

Case 600
AC M2, 6RN 15' Grain Head
AC C II w/2 Heads
AC G440 Corn Head
AC 430 Head

MOWER CONDITIONERS

Gehl MC1090 NH 469
III 1190 NH 269
NH 488 (3) NH 489

Call
Ed Greenleaf, Sam Siple, Al Miller
Service: Call Terry Greenleaf
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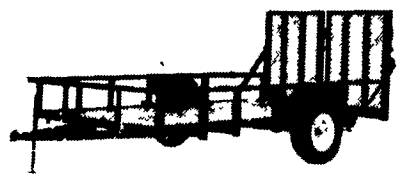
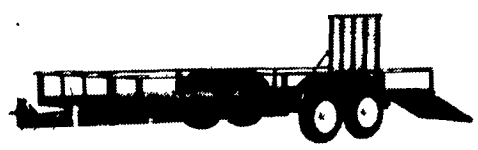
INTERNATIONAL TRAILER CORPORATION

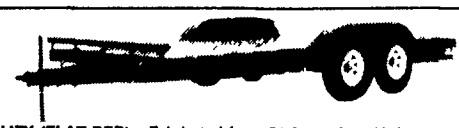


UTILITY (TILT MODEL) - Fabricated from the highest quality steel and component parts. These trailers standard features include, 15" White Spoked Wheels, New tires, 2" coupler, and safety chains.
AVAILABLE SIZES: LENGTH 8 to 12 feet WIDTH 60 to 76 inches
GVW 3,500 lbs

Largest manufacturer of a complete line of trailers, utility, construction, and goosenecks. QUALITY, WORKMANSHIP and DESIGN are the three most obvious components in these trailers



UTILITY - Fabricated with rectangular tubing and angle, these trailers are available in most sizes to meet all your hauling requirements.
AVAILABLE SIZES: LENGTH: 12 to 20 feet
WIDTH: 76 to 81 inches
GVW. 7000-12,000 lbs TIRES. 700-15 LT



UTILITY (FLAT BED) - Fabricated from 5"x3" angle, with heavy duty wrap-around tongue 2-5/16" coupler, and self storing 80" long ramps.
AVAILABLE SIZES LENGTH 14 to 18 feet
WIDTH 76 to 81 inches
GVW: 8000 lbs TIRES 700-15 LT

NEW 3 PT. FARM EQUIP.

- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 6'-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Wood Saws
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 4'-7'
- 4'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- PTO Winch
- Truck Beds - 7' to 12'

Over 150 Trailers In Stock Starting At $495.00
50 Different Models Available
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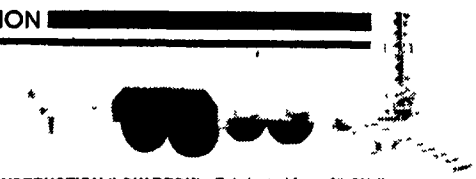
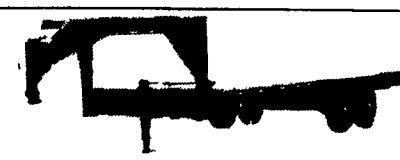


CONSTRUCTION (LOW DECK) - Fabricated from 6"x3½" angle, 3" channel crossmembers, 5" channel heavy duty wrap-around tongue with four position adjustable hitch, diamond plate fenders, and 56" long attached ramps
AVAILABLE IN DROP-AXLE
AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 81" WIDE x 18' LONG
GVW: 8000-12,000 lbs TIRES 750-16



GOOSENECK TRAILERS - Gooseneck feature is available on Flat Bed Deck-Over Models and on Utility Models with tubular side rails. All models have adjustable top crank couplers welded to heavy duty 8" channel frames. Top decks are standard on Deck-Over Models.
AVAILABLE SIZES: LENGTH: 18 to 28 feet
WIDTH: 76 to 96 inches
GVW: 12,000-18,000 lbs. TIRES: 750-16 LT

CONSTRUCTION (DECK-OVER) - Fabricated with 8" channel main frame, with 4" and 5" channel crossmembers. All sizes have 4-foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack.
AVAILABLE SIZES: LENGTH: 18 to 24 feet WIDTH: 8 feet
GVW 12,000-20,000 lbs.
Eight (8) lug brake axles with 750-16 tires

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Case IH 275-2WD-30 H P
Case IH 275-4WD-30 H.P
Case IH 385-2WD-35 H P
Case IH 485-2WD-4 H P
Case IH 1494-4WD-Cab-75 H P
Case IH 1896-4WD-Cab-95 H P
Case IH 2096-2WD Cab-115 H P
Case IH 1190 Mower Conditioner
Case IH 8530 Square Baler
Case IH 600 Forage Blower
Case IH 2250 Loader
Case IH 5500 Chisel-7' & 9
Case 1825 Uniloader
Case 1835 Uniloader
Gehl 1540 Forage Blower
Gehl 1560 Forage Blower
Gehl 1580 Forage Blower
Gehl 2160 Mower Conditioner
Gehl 2170 Mower Conditioner
Gehl 318 Wheel Rake-18'
Gehl 750 Forage Harvester
Gehl 322 Scavenger
Gehl 1160 Windrow Merger
Gehl 970 Forage Box-Roof
Gehl 1500 Round Bale Mover
New Idea 406 Rake 9'6'
New Idea 406 Hydraulic Rake
New Idea 5407 Disc Mower 7'
New Idea 5408 Disc Mower 8'
New Idea 3816 Slurry Spreader
New Idea 3825 Slurry Spreader

USED EQUIPMENT

TRACTORS

Case 1070 Canopy
Case 2090 Canopy
AC WD
AC 180
Case 580D Tractor Loader
Case 580E Loader Backhoe 4WD

IMPLEMENTS

Hay & Forage

IH 225 Hay Swather
NI 299 Haybine
NI 486 Round Baler
Gehl 810 Forage Box
Gehl 920 Forage Box
Gehl HA 900 Hay Pickup
Gehl 2RN Row Crop
Gehl 2RW Row Crop

Miscellaneous

JD 750 Grinder Mixer
JD 7000 6RN Planter
IH 370 Disk Harrow 12'
NH 308 Slurry Spreader
Hesston 2000 Tank Spreader
NI 838 Uni Husker-16 Roll
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IH 1466
IH 1066
(2) IH 766
IH 3288, 1,100 hrs.
(2) IH 856
IH B275
MF 1085

USED HAY EQUIPMENT

Badger 615 round baler
Vermeer 605C round baler
IH 241 round baler
IH 440 square baler
IH 990 9' haybine
IH 990 7' haybine
IH 1190 9' haybine
NH 469 9' haybine

USED MISCELLANEOUS

NH 90 bale handler
Hesston #10 stacker

USED COMBINES

IH 205 combine, 10' grain head
IH 205 combine w/grain & corn head, $1,000
IH 403 combine

USED PICKERS

(2) NI 325 picker w/12 roll bed
(2) NI 323
(2) New NI 323

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Demo IH 234 tractor w/48" belly mower, (20 hrs.), $6,800
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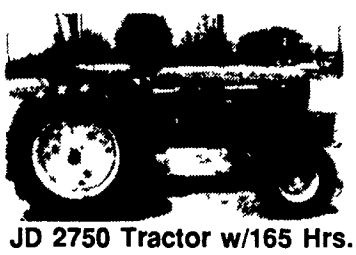
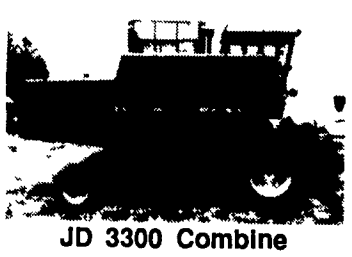
JD 4400 Combine



JD 2750 Tractor w/165 Hrs.



JD 3300 Combine

JOHN DEERE USED

JD 4250, SG, PS
JD 4250, SG, PS, MFWD
JD 2750, 165 Hrs.
JD 2RN & 2RW C.H.
Jd Transport Disk
JD 210 Disk
JD 110 Disk
JD FBB 13x7 Drill
JD Fert. Fill Auger for JD 6RN 7000 Planter
JD 300 Husker w/244 Head
JD 343 Head
JD 14 Skid Loader
(3) JD 336 Balers
JD 35 Harvester w/Heads
JD 3940 Harvester w/PU

CORN PLANTERS

JD 7000 Conserv. 6RN, Dry
(3) JD 7000, 6RN, 2 Dry, 1 Liq.
IH 800, 6RN, Liq. Fert.
IH 400, 4R, Dry Fert. w/ Monitor

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(2) NH 276 Baler w/Thrower
NH 2R Snapper Head for Fg. Harv.
NH 23 & 26 Blowers
NH 1880 SP w/3RN & PU
NH 880 w/2RN
NH 469 Haybine
NH 488 Haybine
NH 1495 Haybine Planetary
NH 770 Harvester

Used Combines: JD 3300 Dsl. w/ Heads
JD 6600 Side Hill

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Ford 3B Reset Plow
Ford 3B Trip Back Plow
NI 208 & 213 Manure Spreaders
IH 440 Baler w/Thrower
IH 881 Forage Harvester w/ Heads
Gehl 600 Harvester w/3 Heads
Gehl 99 Blower
Gehl 750 Harvester w/ Heads
MF 925 Mower Conditioner
Hesston 1090 Mower Conditioner

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154 Lo boy w/60" Mower
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David Brown 990 - Fair Cond
Cub Equipment - Plow, Cult, Disc, Etc
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TILLAGE:
IH 480 DH Manu[SOLD]ng, 20'6" Disc - $2,800
Pittsburg 11'6" Disk
IH 37, 35 In Various Sizes
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IH 13 Ft Trailing Chisel Plow
IH 11 Ft 2 Rank Chisel Plow
IH 6013 13 Ft. Consertil- Like New
Int 360 20 ft Trailing Field Harrow
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Case 12 Ft Trailing Chisel Plow

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IH 205 w/10 ft. Platform, $3,000
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IH 810, 13 Ft Head - $2,500
MF 1144 4-Row Wide CH, $4,250
744 Wide Cornhead for 715, Ex Cond
743 N Cornhead for 815, Ex Cond

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IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cyclos- Parts or Field Use
IH 455 & 656 Planters

PLANTERS:
IH 56 4-Row Planter
IH 2-Row Fast Hitch
IH 658 6-Row Narrow Dry Fert.
IH 3 Pt Hitch Rotary Hoe, 15 Ft Folding
Case Pull Type Rotary Hoe
JD 1240 Plateless, 30", Liq
JD Van Brunt 13x7
JD 17x7 SD, Fert, Good Cond
JD FBB 17x7 DD
JD FBB 15x7 SD
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Oliver 76 13x7 SD Grain Drill, Fertilizer Good!

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(2) NH No 27 Blowers
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower
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Hesston PT-10, $1,500
JD 24T Baler w/Kicker- $1,025
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IH 27 Baler - Real Nice
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JD 1209 Mower Cond, 9 Ft - $3,700
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Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 782- Real Nice Shape!
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JD 110 w/Mower
(2) JD 210 w/Mowers, Nice Shape
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21' hydraulic fold 9-30" tool bar
27' hydraulic fold 11-30" tool bar
9 shank 28% liquid applicator
Pull between Buddy system w/1250 gallon tank

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New UFT Bale Queen hay wagons. CALL
New UFT header wagons..... CALL
No-till fertilizer coulters Demo, 21' hyd fold 9-30" tool bar$2,850
Or w/coulter $3,350
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(3) 500 gal pull between tanks
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1-Used 28%, 500 gal applicators Starting at $2,950
(2) Used 500 gallon AA applicators $1,200
Blue Jet 7 shank 7-30" dry fert injector CALL
Used John Blue 40' booms CALL
New Spra Coupe Melroe 220 w/50' booms CALL
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JD AMT 600 Material Transport, $2,995
JD 712 Mulch Tiller, 11'3", $7,889
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MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform & 4 RW Head $18,500
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Int. 584 diesel, $4,500
Int. 784 diesel, $7,200
MF 50 gas, high clearance, $2,200
AC 160 diesel, $2,700
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MF 65 diesel, PS, 3 pt., $2,500
JD-M w/hydraulic cultivators, $1,050 SOLD

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JD 210 disc, rock flex, $2,500
JD 12' field cultivator, pull type
Int. 45 12' field cultivator, pull type, $1050
JD 210 disc, $2,200
JD 400 rotary hoe, 15', $900
Brillion 11' cultipacker, $650
Dunham 12' cultipacker, $600
JD 1460 6-Row No-Til Corn Planter w/ liquid fertilizer, $900
Chisel plow, 7 tooth, 3 pt., $750
JD KBA disc, 16 blades, $275

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NH 489 haybine, nice, $5,500
Nickolson ground drive tedder
NH 275 baler w/shoot, $1,500
NH 489 haybine, late model, $3,800
Hesston 1071 haybine, 7' nice, $2,800
NH 276 baler w/thrower, $2,800
JD 350 mower, 3 pt. $700
JD 1209 haybine, 9', $1,500
NH 479, 9' haybine, $1,050
NH 495 12' haybine, $1,650
Hesston 1070, 7' haybine, $1,600
Hesston 1090 9' haybine, $1,200
NH 467 haybine, $1,650
JD 1209 haybine, late model, $2,950
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Int. mach. 5' & 6' rotary mowers
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NH 28 flail chopper, $1,650
Gehl 1000 harvester w/#HA 1000 pickup head, electric controls, $3,950

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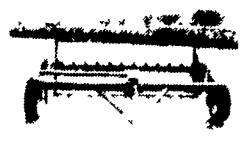

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JD 4230 4-post, roll guard, fully equipped
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Late JD 2640 w/reverser & 148 Ldr.
JD 2640 w/hi-lo, ind. PTO & JD 146 loader
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IH 986, 81 model, low hrs., 38" rubber
IH 986, fact. cab & air
IH 886 4-post, canopy w/new TA & clutch
IH 1466, red cab w/air, very clean
IH 1466, white cab, w/air, sharp
IH 1066 factory cab & air
IH 966 fact. cab & air
IH 1456 fender tractor w/20.8x38 tires
IH 856 diesel, new TA
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IH 806, WF, 2PT or 3PT
IH 706 gas, NF, cheap
IH 606 dsl. w/3PT
Farmall 230 w/fast hitch, cult., 2R mtd. planter, very nice, one owner
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Ford 5000 Dsl., general purpose, sharp
Ford 4000 gas gear drive
AC 180 dsl., w/AC loader

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NI 801, cab, air, hydro, rear wheel assist, low hrs., very nice
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NI 707, Perkins diesel, cab
NI 705, V6 diesel (with minor fire damage)
NI 704 Gas, late model
NI 702 diesel w/cab
NI 702 Gas w/cab
NI 701 gas w/cab
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NI 711 & 713 Grain heads
NI 727-737-838 Huskers
NI 767 S.C. & 760 Choppers
NI 740 & 741 Quick Tach Throats
NI Chopper Heads wide & narrow
NI 2, 3 & 4R heads wide or narrow
NI 325 12 roll narrow picker
NI 324 12 roll wide picker
IH 1440 axial flow, low hrs., very nice
MF 550 Diesel Combine, cab & air
MF 410 diesel, cab, air, 4RW & 13' head, good cheap unit
(2) New MF 1143 4RN corn head
Used MF 1143 4RN corn head
MF 13' flex w/U2 reel
MF 13 grain head
~~(2)~~ (1) JD 443 4RN Corn Head
(2) JD 343 corn head, 3RN
Nice JD 300 Husker w/3RN Head
NH 850 Round Baler, very nice

IMPLEMENTS

NH 520 spreader w/hyd. endgate, side ext., T-bar webb, 1 yr. old
IH 6000 Conservation til chisel, 13-tooth
JD AW Disc, 14'
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1981 NH TR85, 4WD, V8, Hydro, full equipment.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.

M.F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs., real nice, ~~$47,500~~ $45,500.

1981 JD 4420 fully equipped.

JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper $27,500; JD 7720 and 6620 available with 4WD.

JD '81 Model, 6620 LL, w/215 flex, real nice.

JD '81 Model 6620 LL w/216 Flex, very nice.

JD (81) 6620 Side Hill w/700 hrs., looks like new.

1976 JD 7700, real nice.

JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex.

JD 6620 S.H., real nice, $35,000 $33,500.

JD 6620 LL, 1 owner, nice, $27,500 $25,500.

(75) 6600 D. Rotary Screen good.

JD 3300 gas Rotary Screen w/10' Grain

1977 JD 4400 D., C.A. w/23x26 tires, $11,500.

55 Sq B. w/Cab-Good w/2 Heads, $3,250; 55 C S Sq. Back w/Cab

IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H & 15' grain for, ~~$38,500~~ $36,500

MF 550 D., C.A., low hrs

MF (76) 750 Cab, Air, Hydro

(77) IH 815 D, C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH (77) 915 D, C A Hydro Combine w/863 C H.

IH D 915 C A Hydro w/863 & 810 Grain

NH TR70 C A Hydro w/Cat Dsl

(76) Gleaner L Corn & Soybean Special, D, C A Hydro w/16' Flex & 630 Corn

IH 715 Gas w/Cab & 810 grain for $4,850, MF 300 Gas w/Cab & 2 QT Heads, good condition, IH 80 & 82 Pull Combine, ('75) 510 D. Hydro w/Cab, N.H TR70 C A. Hydro, Gleaner (76) F D w/C A.-Nice; IH 105 w/ Cab & 10' Grain, nice; IH 205 Combine w/Cab & 10' Grain.

NI 709 Uni, CA, Hydro, 4WD; N.I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 Uni w/727 Bed, 729A Sheller & C.H.; NI 702 D. w/727 bed & 3R C.H.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House.

CORNHEADS: J.D. 843 LP, 443 LP, 643 LP, 643, 444 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.

I H. 863; 844; 843; 833; 744; 327, 3R; 227.

A C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, Gleaner C430 C.H., F335.

M F. 1163, 1144, 1143, 63, 44, 33, 43, 24, 222, 422, 44—$900 & Up.

N I. 846 N 6R C.H., 738, 743, 730, 734, 725, 723, 762, 763, Ford 4-30", Case (404), NH 962 4RW, 4RN, 6RN Corn Head.

NH 924, 4RW; NH 974 6R, White 706N, Oliver White 4N

GRAIN HEADS. J D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

I.H. 810-13' Thru 16.5' w/ Reg. or Floating.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid.

NH 972, 20' Flex; NH 960, 13'.

TRACTORS:

J.D. New 2950 w/R.G.; Used JD 4650 C.A. P.S., MFWD; JD 4450 ROPS, PS, MFWD, 500 Hrs., Like New; JD 4250 C.A. P.S. MFWD; JD 2350 w/146 Ldr., 350 hrs.; JD 4840 CA PS, 18x42, 600 Hrs., One Owner; (3) JD 4840's C.A. P.S. Duals & Quick Hitch; JD 4240 C.A.P.S.; JD 4040 Fender QR 18x38; JD 4040 P.S., ROPS; JD 2940 MFWD, real nice; JD 2440 Dsl., U, original; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; JD 4230 Q.R., ROPS, new paint; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/ Duals; 4630 SR w/Cab & Air; JD 4430 C.A Q.R, 20.8x38; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430, QR, cab front wheel assist; 4230 C A Q R, JD SOLD PS w/R G; JD 4030 w/ creeper trans; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - $5,900, 4520 w/Factory Cab; JD 4320 w/Duals, Fresh Motor, JD (8) 4020's 1964-1972, JD 4020 S C, WFE, 2 Hydraulics, Diff Lock; JD 4020 PS; 4020 S C., W F E; 4020 P S, S.C., W F E, 4020 w/58 Loader, JD (72) 3020 Tricycle Dsl, JD 3020 Dsl, WF, JD 3020 D Tricycle; JD 3020 D, WFE, 2520 Dsl.; JD 3020 G; JD 2020 Gas, JD 4520 R G & cooler w/30 5x32 tires; JD 4010 D WFE, Real Nice, 4010 D w/new clutch; JD 4010 Dsl., WFE; JD 20 SOLD cle Gas, 630 Gas; JD 430 Utility w/3 pt, JD 3010 D., Tricycle; JD 2510 Dsl; JD 2010 Tricycle Gas; 630 Gas, 620 LP; SOLD Tricycle.

I H (New) 5088 Full Eq. C.A. never used. Sale Price, $33,450; 3288 CA, 670 hrs; 1086 CA w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; IH 1086 ROPS, w/Enclosure Very Nice; IH 986 C.A. Duals, Nice; 886 w/R G.; 1800 Hrs.; IH 686 Dsl., original; Farmall 1066 C.A., original, $8,350; IH 1066 Cab & Duals; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1976 Model 1566 CA, Black Stripe; 1466 w/Cab; IH 1466 w/Cab & Duals, Original; IH 1466 C.A., as is; IH 1466 Fender, new motor, nice; F1066 C.A.; 1066 Hydro - Original, $8,350, 966 Original; F966 WFE, 3 Pt., New TA & 38" Rubber; F766 w/ Factory Cab; 766D.; IH 574 D w/2050 Ldr., Real Nice; 674 D.; 574 D. w/ Loader; IH 544 Utility Gas, Nice; Farmall 544 Gas, WF, 3 pt.; IH 444 U Gas w/IH 1501 Loader, F1456 Fender w/Duals; 1256 w/Cab, Nice; 756 G Hi-Clear; 656 Gas & Diesel, 656 D Hi-Clear; 1206, Nice, Farmall 806 Dsl., WF, FH, 38" Tires, Nice; 706 D. - W.F.E. - 3 pt. - $5,000; F706D., WFE, 3 pt.; F504 Gas, WF, 3PT; F560 D., WF, FH; F560 D w/Fast Hitch; IH 460 U. Gas, FH, PS & Shuttle; F450 Gas, Tri., F.H.; F560 Gas; F450 D.; Farmall 200; F SOLD M, real nice; Super A w/ Sickle Mower, Plow & Cultivator; Farmall Super A w/Wagner Hyd. Loader w/Blade & Plow; Super A w/Cult.

New AC 8050 C.A., P.S., rad. tires, fully eq.

A.C. New AC 6080; Used AC 6080 w/ROPS; AC 8010 C.A. 20 SP MFWD w/ Westendorf 64 Ldr.; 7040 C.A.P.S., Like New; AC 7000 C.A., PS, Original; AC 200 D original; AC 220, real nice; XT190D. w/3 pt.; AC 185 D, WFE, Sharp; AC D17 Series IV D. 3 Pt., WFE; AC D14 w/ Ldr.; AC CA, WF w/ Cult AC WD 45.

CASE Case 1594, P. Shift, low hrs., like new; Case 2590, CA, PS, 1600 hours, 1370 C A.P.S Factory Duals; 2090 CAPS, $14,800 SOLD 930D, Standard; 930D, WF 3 pt.; 830 Gas, WF, 3 pt, Case 730 D, WF, 3 Pt, DB 990 Tractor D, nice, Case 995 Dsl w/Ldr

M F. 1135 C.A M.P, 1977 MF 1135 CA, Duals, (2) MF 175D; MF 165 U. Gas; MF 1130; MF 40 Industrial Loader, Gas w/Half Cab.

Ford 7700 DP w/Cab; Ford 6700 w/Dual Power & Ldr.; Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 3000 Gas w/8 SP; County Super 6, 4WD w/3 pt.; Ford 600; Ford 9N.

OLIVER 1855 w/New Tires; Oliver 2050; 1950 T w/ Cab - $5,975; Oliver 1850 D., WFE, Hydro Power; 1650 D., WF w/3SP; Oliver 550.

WHITE (New) 2-65 w/F.W.D. & (New SOLD Loader - List $29,000 Sale - $18,900.

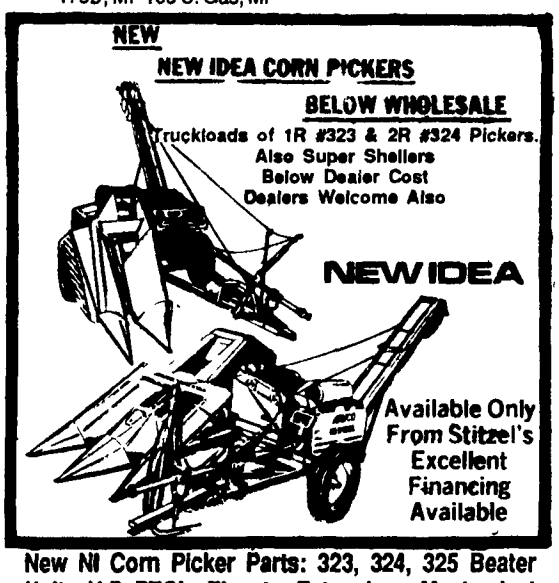
MISC. Versatile 500, 4WD, 3 pt. & PTO; (81) Deutz DX 160 CA., Very Nice; M.M. Vista G1000, Long 460 Dsl, 4WD, w/loader.

Tractors & Equip Just Traded:

IH 1486 C.A, Ford TW10, JD 650 Dsl., PS, 4WD, w/ Loader; Ford 3000 w/PS, Ford 641 w/PS & Loader; Oliver 1250 w/PS; NH 315 Baler w/Thrower, Real Nice; JD 4640, CA, QR, FWD; JD 4010 D; JD 4400 Gas Combine w/ Grain & 3R Corn; Oliver 5B Plow; 40' Grain Auger; JD 2800, 6B Plow; NH 974, 6R C.H., Like New; NH 56 Rake; IH 445 Baler w/Thrower; AC 7080 CA, 20.8x38 Duals; JD 2040; IH 584; AC 170; IH 1300 Sickle Mower; NH 718 w/2R Corn; NH 320 w/75 Ejector, REAL NICE; JD 24T w/Ejector; IH 715 D w/2 Heads; Gehl 810 Forage Box; IH 843 C.H.; MF 65 D; JD 110 Disk; JD 4420 Combine; NH 268 Baler w/Thrower; MF 1183 Corn Head; NI 324 Picker w/12 Roll Bed; JD 12' Chisel Plow; Case 411 Utility Gas; MF SOLD ; MF 65 & 35 D; Hesston 1090 Haybine; NH 1495 Gas SP Haybine; Case 2294 C.A. P.S. 600 Hrs.; NH 3R 30" C.H.; 1983 Butler Batch Dryer.

CORNPICKERS. (5) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; (2) NI 323, 1R Picker, $2450-$2750

New N I. 329 Super Sheller List $6700 00, Special $3,550; N I 330 - 3 RN w/ Supershellers, 325 2RN w/Grinder.



New NI Corn Picker Parts: 323, 324, 325 Beater Units, H.D. PTO's, Elevator Extensions, Mechanical Lift Levers and Elevators

PICKER: NI 319 Mtd.; IH 1PR.; MF 61, 1R Mtd.; JD 43 PTO Sheller.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

JD 5820 C.A. Hydro 4WD w/4R 30, 3R 30 & 7' Hay PU, Real Nice; (1980) NH 1895 CA, Hydro, 4WD, Metal Detector w/3 Heads, Real Nice.

JD 3960 Chopper w/2RN C.H; JD 3800 w/elec. controls; JD 34 Chopper w/1R C.H.; Burnt JD 3960 Chopper w/2R Corn Head; JD 38 Chopper w/ Direct Cut Head.

N.H. 892 w/Elec. Controls, 2R & Hay PU; N.H. S717; NH 782 w/heads; NH 770 w/ heads; (3) NH Super 717 w/1R C H $975 to $1,400; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C H., NH 890, 2R Super Head; NH 890 direct cut head

Fox Super D, SP Chopper w/ Cab & 3R & PU; Fox Super D w/Cab 3R C.H. & PU.

Gehl 1200 Chopper w/Elec. Controls, 3 RW C.H. & Hay PU.; Gehl CB 1200 Chopper.

(2) GEHL 600 w/2R.

Hesston 7020 Chopper w/1R & Hay PU.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn; Incomplete.

J.D. 1, 2 & 3R Snapper; 2 & 3 R Silage, New & Used 5½' Hay Pickups; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates; JD 8' Direct Cut.

I.H. 2 R.N. Silage For 550-650; IH Direct Cut Head for 650; NI 766 Hay PU.

FOX 984, 4R Silage; 2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

FLAIL CHOPPERS: (2) NH 38, like new; Used NH 38 & 36; Bearcat 72A; IH #50 4R Shredder; JD 16A; IH 60 Shredder w/End Transport, like new.

SILAGE WAGONS: JD 716 Tandem Axle w/Roof; Danco Tandem Axle w/ Roof

HAY EQ. BALERS. New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500, JD 337 w/ Thrower, used 2 seasons; JD 466.

NH 315, NH 315 w/70 Thrower, NH 315 w/Thrower; NH 282 No Thrower; IH 430 w/#10 T; N.I. 456 Round, N H 851 Rd, NH 846 Rd; Hesston 5400 Round, MF 124 w/ Thrower; Vermeer 706 Round, NH 851 Rd

RAKES IH 35 Hyd. Drive; NH 258 & 256.

IH 14, NI 402, Deutz Fahr 4 Star Tedder; Lely 2 Star Tedder, Used Pequea 7' Tedder

HAYBINES: (1982) NH 1495 D. C.A. Hydro, 800 Hrs., NH 1495 D Hydro w/Half Cab; (2) 495; 489; 478; 477; 469; (2) NH 467; IH SOLD JD 1219, like new; JD 1209; SOLD NI 509, 9'; Gehl 1080 Discbine.

New MC 7E; (2) M.C. 7E; MC 9E Rotary Scythe; NI 279 Cutditioner; NI 272 Cutdtioners; N.H. 1034 Stack Wagon; NH 1010 Bale Wagon; NH 1010 Bale Wagon, good condition; NH #90 Bale Mover.

PLANTERS: New NI Kinze 6R No-till, List $15,688, SALE $9,995; JD 7000, 12R Front Fold, Dry Fert. w/No-till, full equipment, (2) JD 7000, 8R 30" Liq. Fert., Full Equipment; JD 7000, 8R 30" Dry Fert., Full Equipment; JD 7000, 6R Conserv. Dry Fert.; JD 7000, 6R Dry Fert., Fully Equipped; JD 7000, 4R; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; JD 4R Cons. w/Dry Fert. & Insect.; (2) JD 7000, 4R Dry Fert., Full Equipment; IH 800, 8RN End Transport w/Dry Fert, IH 800, 6R Dry Fert, IH 56, 4R, Hiniker 4R Econotill, No-till, w/ Kinze Units; IH 56, 2R Pull Type w/Dry Fert.

DRILLS: JD 8300 (Like New) 100 Acres; 21x7 D.D. w/ Soybean Att.; JD 8300 23x7; JD 8350, 23x7 w/ Fert. & Seed; JD FBB 13 Hoe Drill.

IH 5100 21x7; Tye 13' No-Till; Brillion 8' & 10' Seeder; New Gandy 1011A Fert. Spreader; Brillion SS 1201 10' Transport Seeder.

GRINDERS/MIXERS: Bearcat 1250; Gehl 115; NH 352; Farmhand 850 Tandem Axle; IH 1150.

TILLAGE EQ.: PLOWS Howard 4X Para Plow; IH 541 4X 3PT Plow; JD 4X 16 Semi Mtd.; Ford 142, 4X; JD 2500 4x18 Reset; JD 4X 16" Semi Mount Plow; JD 845 4X 16" Rollover; JD 945 5X Semi Rollover; IH 720, 5X Toggle Trip; OLIVER 546- 5x16 Spring Reset; White 508, 6X Reset; JD 2700 6X Reset; JD 2800 6X Onland, Like New; I.H. 700- 6x16 Spring Reset; JD 2500 5X Reset; IH 560 6X Plow; JD 3200, 6X Reset; JD 2450, 6X On Land, Oliver 6X Reset; WHITE 549-7X Sp. Reset; IH 710, 7X Onland, (2) JD 2800S, 7X; JD 2800, 7X Onland; J D 7X, M F 6X On Land Hitch; IH 800 10X Flex Spring Reset.

CHISEL PLOWS: Brillion 10' & 11', Ferguson 11 New AC 1600 12' Pull, Bush Hog 12', I H 55-12', (2) 7' 3 pt., Bush Hog 10' w/ Buster Bar; Brillion 12'; w/ Buster Bar; Tibben 12' Auto Reset Ripper

DISCS. Miller 14' Offset, like new JD 215, Taylorway 16' Rock Flex, Manual Fold Krause 1900, 22' Rock Flex Hyd Fold; JD 230, 21' Hyd. Fold, JD 230, 24' Hydraulic Fold, IH 8' Transport; JD AW 13' Disk w/Transport & New Blades

MULCH TILLERS. Wilbeck 13'; Glenco SS18 Fold Soil Saver, Glencoe SS13 Hyd. Fold Soil Saver, Brillion 9 Shank Soil Saver; Glencoe SS7 Soil Saver

CULTIMULCHERS. New Dunham Lehr 13' at dealers cost; JD & Brillion 10', 12', 13' & 15'; JD 10' Roller Harrow.

CULTIVATORS: IH 80 2R Front Mount; IH 468, 4R Front Mt.; JD AT 40 4R Ft. Mt.; JD 2R; 4R S Tine; Lilliston 4R S Tine; McConnel 4R S Tine; McKee 4R S Tine; JD 4R Front Mount; (4) JD RG 4; JD & IH 6R 3 pt.; IH 68, 6R Front Mount; New IH 4500, 18' Vibra Shank; IH 16' Fold Vibra Shank Field; Brillion 22' Hyd. Fold Cultimulcher; IH 365, 18' S-Tine Field.

MISC. I H 5 & 7 Shank V-Rippers w/ Gauge Wheels; Glencoe Soil-Finisher 12'9" - Like New, (2) Howard 13' Rotavator, Knowles 16' wng trans harrow, used 4 acres.

Used 400-15', JD 400 Rotary Hoe

INDUSTRIAL. J D 840 Self Loading Scraper; Case 584 D Fork Lift, Davis 30+4 Trencher

SKID LOADERS. Owatonna 330 Hydro, real nice, NH L445 D Skid, NH L35, Ford CL40

1978 Case 580C Del. L, B, ROPS, Cab w/Heat, AC 715B L & B.; IH TD14, Angle Blade, $2,995.

LOADERS & BLADES: J D 48, 58, 143, 148, IH 1850, 2000, 2050, 2350; Case IH #90 Ldr, Like New, MF 246 Loader; Artsway HD loader for 4WD, (New) J.D. & I H Buckets, JD 8' Dozer Blade For 4430, Etc, JD 155, 9' Heavy Blade w/Hydraulics

LAWN & GARDEN. (2) JD 1050s w/ Power Steering, Dual Hyd, like new, JD 950 w/P Steering, R.G. Dual Hydraulics; JD SOLD Belly mower, JD 430 D w/Mower Like New, Satoh D w/3PT Tiller, MF 205 D, Cub 185 Loboy w/ Mower & 3 Pt, Cub 184 w/Woods Mower, Cub 154 Loboy w/3PT & 60" Mower, Sears 24HP w/Blade & Mower, Cadet 782, Cadet 1250, 128, J D 400, (3) 318, 317, 314, 214, 212, 210, 111, AC 916, AC 620 w/3 Pt. & Mower, (New) Johnson Loader For Cub Loboy, Loader For JD 400, Kwickway Loader For Cub Loboy

New Yanmar YFL 1000 Ldr, New & Used York Rakes, Schutt 3PT Tree Digger

1975 Model Ford LTD Landau, One Owner, Fully Equipped.

ROTARY CUTTERS Used FMC 13', JD 1408 Rotary Mower

SICKLE MOWERS. IH 1300 & 100 Dyna Balance Mower Ford 501 Sickle Mower JD #10 Side Mount

Manure Spreaders Martin V3300 Tandem Tank, Martin Scavenger II Tandem Axle, NH 367 Flail Tank, NH 363 Flail, JD 54, NI 218 Tandem Axle JD 465 Flail, JD 14

Trailer load of (New) Killbros Bins & Running Gears, NI 45' PTO Elevator JD 400 Grain Cart, Real Nice New E Z Trail 10T Running Gear Leon Rock Picker, New Demco 500 gal Sprayer Rex 400 Gallon Sprayer Artsway 850A Wagon w/Scales Gehl BF190 Feed Wagon, Field Queen 1408 Side Dump Wagon, McKee 720, 84" 3 Pt. Snow Blower, (New) McKee Snow Blower Front-Mount, JD Quick-Couplers, JD 42" Cast Wheels and Tires, I H Flat Top Fenders For 706-1466, I H 66 Series Cabs, Ansel ROPS Cab For JD 2640, Etc, Ansel Cab w/Air For JD 30 Series, Nice, (New) Full Vision Cabs For M F 275 & 285 Cab For Case 70 Series, Damaged IH 86 Series Cab, J D & I H Front & Rear Wts, JD 243 Corn Head w/ Adaptor Plate

Ford Cabover w/Rollback, $3,850 As Is, IH 1890 w/18' Grain Dump, $4,975

Muv All 30' Hyd Implement Trailer

J D Roll-Guards, New JD Roll Guard For 2840, 2940, Etc, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

STRAW CHOPPERS For J D 4400, 6600, 6620, 7700, M F 510

MECHANICS SPECIALS AC 7040 w/ Cab, needs motor work TRACTORS 4020 Tri.

CASE 1410 - Needs Motor

AC XT190, clutch, $3,950, JD 4520 w/ Cab, $6,950

JULY SPECIALS

TRACTORS	
JD 5020 w/Duals, as is	$ 4,000
JD 4020 D., P S.	$ 5,450
JD 4010 D.	$ 4,750
JD 3020 D Tricycle	$ 4,950
JD 4620 w/Cab, Good Cond	$ 9,500
JD 2940 w/Hi-Lo, 2 Post R/G	$12,500
I H. 706 Gas, Trl., F.H	$ 3,000
IH 706 D, WFE, 3 pt	$ 4,500
I H. 1206 W.F.E.	$ 5,950
Case 1976, 1370 C A.P S., Duals	$ 9,750
Case 1470, 4WD	$ 4,950
COMBINES	
1973 JD 6600 D C A w/Grain Head (Needs Work)	$ 4,750
JD 3300 G w/Cab & 244 Corn	$ 5,400
IH '76, 915 D, Cab & Air, Turbo Hydro w/15' grain	$ 9,850
IH 815 D C A. Hydro w/810 Grain	$ 8,850
M F 510 Diesel w/Cab & Q T Grain	$ 4,400
TILLAGE EQ.	
JD 230, 22' Hyd Fold Disk	$ 2,900
JD 2800, 7B Reset Onland Hitch	$ 5,900
Ford 142, 6x Spring Reset Plow	$ 1,500
IH 700 6x Spring Reset	$ 1,975
MISC.	
IH 400, 6R Liq. Planter	$ 475
JD 7000, 4R 36" Plate w/Full Equipment	$ 2,500
JD 7000, 6R Liq w/No-Till	$ 4,950
JD 7000, 4R 30" Liq.	$ 3,000
New JD 8300, 16x10 DD Drill	$ 3,500

Largest Selection Of Farm Equipment In The East

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(1) 489 New Holland Haybine
(2) 479 New Holland Haybine
(1) 1091 Hesston Haybine
(1) 1495 New Holland Self Propelled Haybine (Cab) (New Rolls)
(1) 225 IH Self Propelled Mower Cond. (Cab)
(1) 283 New Holland Baler w/Thrower
(1) 336 John Deere Baler w/Thrower (excellent cond) Special Price
(1) 270 New Holland Baler w/Thrower
(1) Deutz/Allis 250 Rake/Tedder (Used 1 Season)
(1) Int./Case 440 Baler w/Thrower
(1) Int./Case 330 Baler w/Thrower
(1) New Idea, 2 Row (N) Super Picker/Sheller
(1) Badger 16' Forage Box (BN#950) On 12 Ton Gear (w/Cover)
(1) 354 New Holland Grinder Mixer
(1) D-14 Allis/Chalmers Tractor w/New Kelly Loader
(1) Oliver 1850 Tractor (4 Wheel Drive) Special Price
(1) Farmall Cub Tractor
(1) New Idea 2 Row (N) Corn Picker (Like New)

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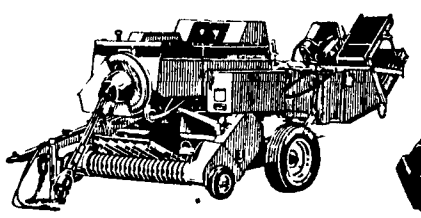

- Case IH 8540 Square Baler w/Thrower
- Case IH 1190 Mower Conditioner, 9 Ft.
- Case IH 852C SOLD re Baler w/Thrower
- Case IH 8320 7-Ft. Mower Conditioner
- Case IH 8830 Mower Cond., with 12 Ft. Head, 110" Cond. Rolls, And Case IH Engine

Case IH 2096, 2WD, Cab
Case IH 2096, 4WD, Cab — Demo, Rental
Case IH 485 2WD, Turf Tires — ROPS
Case IH 485, 4WD
Case IH 585, 4WD
Case IH 585 Low Profile Orchard Tractor
Case IH 485 Low Profile Orchard Tractor
Case IH 685 In Stock, Low Profile Orchard Tractor
Case IH 885, 4WD w/Cab
Case IH 1394, 2WD, 2 Post ROPS, Power Shift, Turf Tires
Case IH 1825 Gas Uni-Loader
Case IH 1818 Diesel Uni Loader
Case IH 1835 C Gas & Diesel Uni-Loaders — New Units In Stock
Case IH 4500 Vibra Shank Field Cultivator
Case IH 496 Disk Harrow, 19 Ft 1, 9" Spacing
Case IH 496 Disk Harrow, 18 Ft 7, 7½" Spacing
Case IH 6500 11' Consertill
Case IH 415 Packer Mulcher 10'1"
Case IH 415 Packer Mulcher, 13'2"

MAGNUM IS HERE! CASE IH 7130, 4WD, 20.8x42 Rear Tires In Stock

— — —

Also 7110 2WD & 4WD And 7120 4WD

Case IH 5611 2 Rank 11' Chisel Plow
Case IH 5513 3 Rank Chisel Plow
Case IH 5607 2 Rank 7 Ft Chisel
Case IH 5700 3 Rank 11 Ft Chisel
Case IH 595 Spreader
Case IH 1620 Combine
Case IH 1660 Combine
Case IH 50 Shredder
Case IH No 10 Flail Chopper
Case IH 900 Planters - 4 & 6 Rows
Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 74L Loader For 1394, 1494 & 1594 Case Tractors

Over 20 "200" Series Compact Tractors In Stock — 18 to 30 HP

case ih

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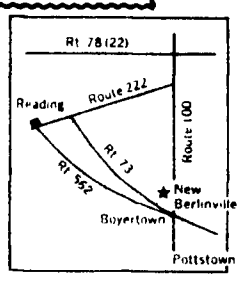

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New Berlinville, PA
One Mile North of Boyertown
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case ih

MF 1080
w/246 Loader
$6,800
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Woods Mow'n machine
12 h.p. Gas, 44" Mower
$3,000
301-833-9091

MARSHALL MACHINERY, INC.
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WE HAVE HAY EQUIPMENT... TAKE A LOOK...

SICKLE BAR MOWERS: 3 PTH, Fast Hitch, Snap Coupler, Semi Mount & Trailer.
JUST RECEIVED: Shipment of New Farmco 8'x18' Bale Racks.
FLAIL CHOPPERS: IHC 8; NH: 33; 36.
BLOWERS: IHC: 56, Like New; NH: 25; KOOLS: 54.
STACKHANDS: HESSTON: 10, 30.
FORAGE HARVESTERS: NH: 890; 770. GEHL: 750. HESSTON: 7020; 2000, 150, 100.
HAY BALERS: NH: 310 w/Thrower; 275; 268; JD: 346 w/Thrower; 336; 224T w/Thrower; 24T w/Thrower
HAYBINES: NH: 489; 488; 477; 472; 467. IHC: 1190, 7'. HESSTON: 1091; 1090; 1071; 1014 w/Hyd. Swing, 1010 w/Hyd. Swing; PT-10. JOHN DEERE: 1207.
BALE LOADER: Kneib.
HAY RAKES: NEW HOLLAND: 259; 56. IHC: 35 Hyd.; 35. NEW IDEA: 402.
CUT/DITIONERS: NEW IDEA: 279; 272; 270.
HAY TEDDERS: GRIMM: PTO & Ground Drive. KUHN & FAHR: Centipede 2 & 4 Star.
RUNNING GEAR: 6, 8, 10 & 12 Ton, All Available With Flotation Tires.

...CHECK OUT THESE USED TRACTORS...

AC: 7040, Powershift; 6080 2 & 4WD; 6060 2 & 4WD; 6060 w/Cab; 5040; 190XT; 185; 175; 175-D w/Loader, 160 w/Full Hyd. Loader; D-17S; G-w/Hydraulic & Cultivator.
DEUTZ: 6806; 6806 w/Cab; 6206; DX 130 Hydraulic 4WD, 1000 Hrs., Very Good, w/Cab; 6006.
FARMALL: 656.
FORD: 7600- High Clearance; 6600 w/4WD; 5000 w/Cab; 4000; 851; 800; 600; 8N w/Forklift; 515 w/Hydraulic Drive; Side Mount Rotary Mower- Very Clean, Low Hours.
IHC: Super A; Cubs; 140 w/Highway Mower; 2410B; 2500 Series B- 3PT Tractor Loader.
JD: 3020-D; 2520; 401, Ind. w/Hyd. Highway Mower.
KUBOTA: 7100 HST; 7100 4WD; 4050; 235 Tractor/Loader/Backhoe, 4WD.
MASSEY FERGUSON: 175; 135; 65 w/Loader; 30 Ind. w/Front Loader; 40 w/Front Loader
OLIVER: 1550.
YANMAR: 226, 4WD, Like New.

MANURE EQUIPMENT...

NEW: FOR IMMEDIATE DELIVERY: HEDLUND MARTIN Liquid Tanks & Manure Pumps ALSO IN STOCK: 4 Sizes SCAVENGER Spreaders.
PUMPS: CALUMET Lagoon Pump; HEDLUND MARTIN Lagoon Pump; BETTER BILT 8' Pit Pump In Very Good Condition; NEW IDEA Basin Pump; BADGER BN184 Lagoon Pump.
USED: MARTIN Equalizer Manure Loader; V-MODEL Manure Spreaders, 2900 & 2200 Gallons. EQUALIZER Manure Loader; NI 1500 Gal. Tandem Vacuum; Box Spreaders; NH: 516T; 329; 512; NI 213 Flail. STARLINE: Tank Spreader, Tandem Axle, Left Hand. VANDALE: 2200 Gal. Liquid Manure Spreader. FARMHAND: Right Hand, Tandem Tank Spreader.
ALSO: Mini 15 Bushel Spreader.

NEED INDUSTRIAL EQUIPMENT?

PAYLOADERS: MF: 356 w/Buckets & Forks. AC: 840 w/Log Forks & Grapple. 640 Articulated Payloader, ¾ Yd.; 840 1½ Yd. Articulated Payloader. We Also Have A 1.7 Yd. Articulated Payloader.
TAG-A-LONG TRAILERS IN STOCK: 4, 5, 9, 18 & 20 Ton. We Also Have A MILLER Blacktop Curber A New 22' Forklift. 15' Tractor-Loader-Backhoe.
SKID STEER LOADERS: NH: 250, Like New; JD 125; NH L445 Diesel; 779 Diesel. RAYGO 2-Ton Vibratory Roller.
NEW: ASPLUNDH BRUSH CHIPPERS IN STOCK.
LOADERS: AC: 655 Crawler/Loader (1 Yd.). JD: 350 Crawler/Loader.
TRACTOR-LOADER-BACKHOES: CASE: 580-B; 580-D. FORD. 555, 715-C. AC. 715; 615.
CRAWLERS W/BLADES: JD: 350-B. IHC: 500-C.

MISCELLANEOUS MACHINERY:

WE HAVE NEW WIC EQUIPMENT. Silage Carts; Bedding Choppers And Blowers w/Roller Mill
FARMBILT: Feeder Wagons, 20' & 24'. **BUSH HOG & WOODS:** 3½, 4, 5, 6, 7 & 20' Rotary Mowers
YORK: Stone Rakes.
NEW: NI: 325 2 Row Corn Picker (Narrow Row) w/12 Roll Husking Bed Or Super Sheller... One Of The Last Available.
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HOWARD: Heavy Duty 5' & 6'- 3-Pt. Rotoullers.
MEYERS: 500 Gal. PTO Trailer Sprayer.
CENTURY: Tandem Axle, 1000 Gal. Sprayer, Electronic Controls
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SERVES: 10' Trailer Rotary Mower
Heavy Duty 6'- 3 Pt. Hitch Rotary Mower. 15 Miscellaneous Front End Loaders For Various Make & Model Tractors. Rear Scraper Blades- 3 Pt.-Hitch, Fast-Hitch And AC Snap-Couplers
MOTT: Flail Mowers. MF: 15' Stalk Shredder.

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This Week's Specials:
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CASE 1470- 4WD, Cab, 3 Pt., Poor Tires, Runs And Operates.
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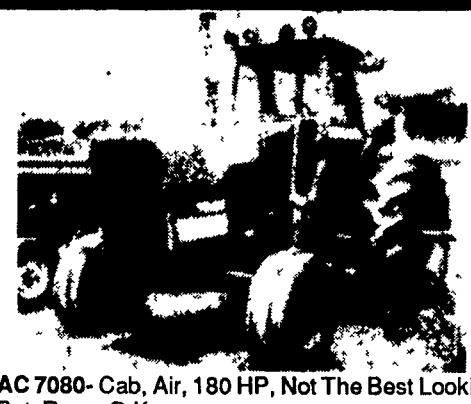

AC 7080- Cab, Air, 180 HP, Not The Best Looking- But Runs O.K.
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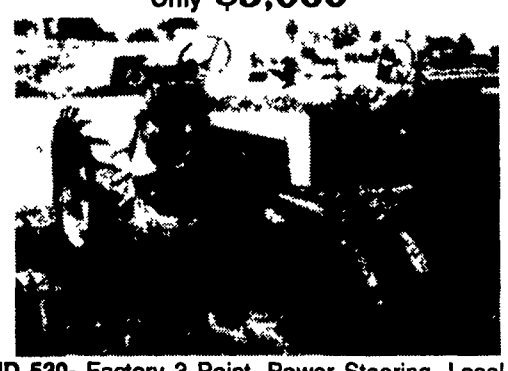
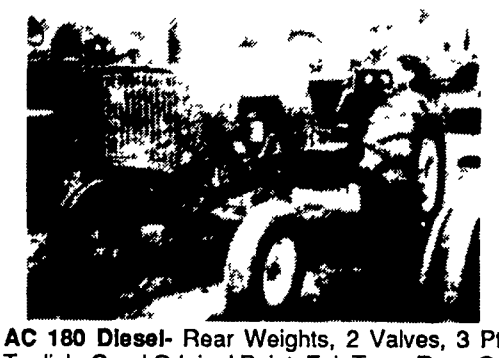


JD 530- Factory 3 Point, Power Steering, Local Tractor, Front Weights
$2,900



AC 180 Diesel- Rear Weights, 2 Valves, 3 Pt., Toplink, Good Original Paint, Fair Tires, Runs Out Good.
$5,900

Case 930 Diesel- WF, 3 Pt., Front Wts., Rear Wts., 4963 Hours, 2 Remotes, Spin Out Wheels, 50% Rubber, New Seats, Good Original Paint, Checks Out O.K.
$4,400

NEW 3 PT. POST HOLE DIGGERS

Your Choice 6", 9", 12" Augers	$495

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5½ ' Combination Blades	$495
6½ ' Combination Blades	$550

NEW 3 PT. SCRAPER BLADES

6' 3 Pt HD	$195
7' 3 Pt HD	$225
7' 3 Pt Monster Duty	$695
8' 3 Pt Monster Duty	$795

NEW CORNSHELLERS

3 Pt Economy	$795
3 Pt. Standard	$1395
Pull Standard	$1495
3 Pt Deluxe	$1695
Pull Deluxe	$1795

NEW 3 PT. LANDSCAPE BOXES

4'	$450
5½ '	$475
6'	$495
7'	$595
8'	$595

NEW ROTARY MOWERS

4' 3 Pt HD	$495
5' 3 Pt HD	$495
4' Pull HD.	$595
5' Pull HD	$695
6' 3 Pt HD	$795
6' Pull HD	$895
4' 3 Pt Estate Mower	$1095
5' 3 Pt Estate Mower	$1095
6' 3 Pt Estate Mower	$1195
7' 3 Pt Estate Mower	$1295
7' 3 Pt HD.	$1495
7' Pull-HD	$1595

LAWN & GARDEN TRACTORS

MM 110 w/Mower	$695
Ford LGT 125 w/Mower	$695
JD 72 w/Mower	$875
JD 82 w/Mower	$895
JD 111 w/Mower	$1100
JD 110 w/Mower	$1500
JD 312 w/Mower	$1550
JD 212 w/Mower	$1750
IH 128 w/Mower	$1695
JD 300 w/Mower	$2150
IH 782 w/Mower & Blade	$2295
(2) JD 316 w/Mower	$2350
JD 317 w/Mower	$2650
JD 314 w/Mower	$2650
Kubota G5200 w/Mower	$2750
Kubota B7100 HST w/Mower	$4500

OTHER NEW 3 PT. TOOLS

Round Bale Feeder	$145
3 Pt 1 Row Cultivator	$150
3 Pt Seeders- Broadcasters	$350
3 Pt Woodsaws	$495
3 Pt Wheel Rakes	$495
2x14" 3 Pt Plow	$595
5' 3 Pt Aerator	$695
3 Pt 12 Cu Ft Cement Mixers	$695
9' Hay Tedders- 3 Pt	$895
9' Hay Tedders- Pull	$895
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3 Pt Sickle Bar Mowers	$1695

NEW 3 PT. YARD RAKES

4'	$395	7'	$550
5'	$450	8'	$595
6'	$495		

NEW ROTARY TILLERS

52"	$1275
58"	$1275
74"	$1475

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B-Cyclone	$1200
(3) A-Nice	$1450
60 Standard	$1500
620 Orchard	$1500
B-Unstyled	$1500
60-PS	$1900
(3) M-WF	$1900 to $2500
420-WF 3 Pt	$1900
L With Cult	$1900
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430-WF-3 Pt	$2500
(3) 620-Gas	$2500 to $2850
(3) 435 Diesel	$2500 to $3500
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JD 730 Gas	$2900
JD 530-3 Pt	$2900
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2510 With Loader	$4500
2030-Diesel	$4500
80-Standard	$4500
5020 Diesel	$5900
330-WF-3 Pt	$6500
4230-1974-WF-3 Pt	$7500
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190XT-Cab-Diesel	$3900
180 Diesel-WF-3 Pt	$5900
7080-Cab	$6800

FORD

8N-WF-3 Pt.	$2800
8700-Cab-Air	$8900

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(2) 930CK-WF-3 Pt	$2700 to $4400
1470-Cab-3PT-4WD	$5000

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230-Gas	$1900
AV w/Cultivators	$1900
(3) Super C	$1900 to $2350
424 Diesel-WF-3 Pt	$2500
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(8) Cub's	$1800 to $2900
140 w/Mower	$3900
886-1976-WF-3 Pt	$5900
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40-WF-3 Pt -RCP	$3900
235 Diesel	$3900
165-Gas	$4500
135-Gas-WF-3 Pt -PS	$5900
1080 Diesel	$5900
165-Gas-Nice	$5900
1030-4WD-Demo-1986	$7450
1155-Cab-New Clutch-1975	$7900

OLIVER

(2) 70-Gas	$1000 to $1750
Super 88 Diesel	$2000
770 Diesel-WF	$2350
1900 GM-WF-3 Pt	$3900
MM G950-Diesel-WF-3 Pt	$3900
1750 Diesel-WF-3 Pt	$3900
MM G1000-Vista-LP	$4900
1950 GM-WF-3 Pt	$5400
4-150, Cab-Duals-3 Pt -PTO	$10,500

OTHER NAME BRANDS

Power King w/Mower	$2950
Kubota 7100-4WD-Loader	$5450
IMT 539-WF-3 Pt Demo	$6900
Kubota L275-4WD-Mower	$8800
Long 460-4WD-New	$10,800
Steiger Bearcat II Cab-Duals	$18,500

MACHINERY

Cultipacker	$95
2X Spike Harrow	$95
8' 3 Pt Scraper Blade	$175
5' 3 Pt Rotary Mower	$195
JD Hammermill	$195
IH 2 Row FH Planter	$195
Ferguson Sickle Mower	$195
(3) 4X Rotary Hoes	$295-$595
(2) Mechanical 1x3 Pt Transplanter	$395-$495
IH Cub Rotary Mower	$295
Skeleton Elevator	$295
JD 3x14" Pull Plow-24' Long	$295
18 4x34 Snap On Duals	$295
2 Row 3 Pt Cultivator	$295
IH Super C 2X Cult w/FH	$295
Ferguson 3 Pt Sickle Mower	$295
Ford 1x3 Pt Plow	$395
JD 290 2X Pull Planter	$395
IH Cub Snow Blade	$450
IH Cub Lowboy Snow Blade	$450
Loader For IH Cub	$450
Ford 2x3 Pt Plow	$495
IH FH Sickle Bar Mower	$495
(5) 3 Pt Field Cultivators	$495-$795
IH 1 Row Potato Digger	$595
JD 3x3 Pt 16" Plow	$595
JD 43 Cornsheller	$595
IH 2X FH Trip Plow	$595
(4) 3 Pt Tree Planter	$695 to $1800
JD 100 3 Pt. Disc-8'	$695
3PT Snow Blower	$695
JD 3x3 Pt F125 Plow	$695
JD 1 Shank Pull Subsoiler	$695
(2) NI 10' Lime Drill	Each $695
3 Pt Post Driver	$750
David Bradley Manure Spreader	$750
MF 3 Pt Sickle Bar-Dyna Balance	$795
IH 14' Wheel Disc	$795
Oliver 10' Wheel Disc	$875
IH 3 Pt Sickle Bar-Dyna Balance	$895
Shultz PTO Spreader	$895
MC Flail Chopper	$895
JD F145 4X Plow	$895
JD RG-4x3 Pt Cult	$895
IH 53 4-Row 3 Pt Cult	$895
IH 4X Semi Plow	$895
Ford 515 3 Pt Sickle Bar-Dyna Balance	$895
Howard 11' 3 Pt. Rotovator	$895
Woods-6' 3 Pt Rotary Mower	$895
(5) JD Wheel Discs-8' to 12'	$895-$1095
5 Gang Reel Mower	$1000
JD 894A Hay Rake	$1150
JD 1240 Plateless Planter	$1200
NI 17 Spreader-Nice	$1250
NI Hay Rake	$1250
Loader Off IH 300	$1250
Loader For MF 165	$1250
Loader Off IH 2400	$1250
IH 3X Reset Plow	$1350
IH 4x Frt Mtd Cult	$1500
IH 710 5X Plow	$1600
JD 1450 4x18" Plow	$1600
Papec Self Unloading Wagon	$1650
Brillion 6X 3 Pt Cultivator	$1650
JD RM4 Cultivator	$1695
NI 323 1 Row Picker	$2500
Shultz 12' Mower	$2800
JD 1520 Wheel Disc-16' w/Rake	$2850
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JD 750 Feed Mill	$4000

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JD 6620 Side Hill, very good
JD 6600 Side Hill hydro very good
JD 7720 2,000 hrs., good cond. 4WD
JD 6600 LI rotary screen dsl hydro good
JD 7700 turbo, HDR 15' platform
JD 4400, cab, AC 13 platform very good
MF 750 hydro, 1163 CH, 15 platform $19,000, very good must move
MF 760 Hydro, 1163 CH, 15 platform $17,000, very good must move
MF 510, cab dsl platform, Reduced $3,500
NH 975 w platform, cab, $3,500
AC 1630 corn head, excellent $5,000
(2) MF 44 corn heads, $2,000 & $2,700
JD 443, 444, 643 corn heads
JD flex platform, 13', 15', 16 & 18
NI 325 sheller, good, $2,900

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(3) New 6620 Side Hills, In Stock
(2) New 215 Flex Platforms, $8,500

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USED TRACTORS

Case IH 1594, 200 Hrs.
Ford 8600 DP
Ford 7710, C.A.
Ford 7700 w/Cab
Ford 6600, 4WD
Ford 3600
Ford 3550 w/Loader
Ford 3400 w/Loader
Ford 2600 G
Ford 1900
Ford 555A LBH
Ford 4600 Dsl.
Ford 1300 w/Mower
Ford 801, P.S.
Ford 555 4x4 LBH
Ford 445 w/Loader
Ford 4000 D PS
Ford 3000 8 speed
Ford 2310 w/loader
JD 1520 Gas
JD 3010 DNFE
JD 2010 GNFE
IH 574 w/Loader
IH 154 w/Mower
MF 175 D 8 speed
MF 150 G P. Steering
MF 30B LBH
Ford 5600 4WD, Loader
Ford 3000 w/Blade
Ford 420 w/loader
Ford 4000 w/Loader
Ford 2810 600 hrs.
Ford 2110 500 hrs.
(3) Ford 8N's
(2) Ford 9N's
IH Cub w/Mower
MF 1130
Satoh 650 P.S.
AC 5020
AC 160 D
JD 3300 Combine
IH 1150 Grinder

USED TRACTORS

JD 4640, cab, air, power shift
1981 JD 4440, cab & air, excellent
JD 4240, cab, air, quad range
JD 4030 w/4 post
JD 4230 fender tractor
JD 2950, 175 hrs., like new
JD 2510
JD 2510 diesel, power shift
JD 2940, 4WD
JD 2940
JD 2750, 200 hrs.
JD 2640
JD 2440
JD 2510 Gas
JD 2350
JD 2150 w/loader
JD 2150
JD 4020
New JD 950
New JD 750, 4WD
IH 3288 w/500 hrs.
IH 1086, cab & air
IH 1066, cab & air
IH 686, gas, 1,200 hrs.
IH 140 w/cultivator
IH 766
IH 826 diesel
IH 884, like new
Ford 5[SOLD]as
Ford 4610, like new, 690 hrs.
Ford 4000 SU
Ford 3400 w/loader
Ford 2600 w/800 hrs.
Ford 2000
Ford 3000
AC 210 diesel
MF 265 w/loader
MF 255 w/loader
MF 235
Kubota 305 DT, 4WD w/loader, 600 hrs.

JD 2750 Special
High Clearance, 4WD, Like New

INDUSTRIAL

MF 200 crawler loader
JD 400 TLB
1979 IH dump truck w/DT466, new 5 to 7 yard dump body
Int. 7000 forklift
MF 40B forklift
Gehl 4510 skid steer
New Gehl 360 skid steer loader
JD 310A backhoe w/cab
Ford 420 backhoe w/cab
Ford 3400 backhoe

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
Int. 4 btm. rollover
Large selection of 3 to 7 btm. plows

USED COMBINES

244 JD corn heads
444 JD corn heads
443 & 643 corn heads
MF 540 combine, used 1100 hrs.
JD 4400 diesel, rotary screen
JD 4420, like new

USED PLANTERS

JD 7000 4 row liquid, conservation

Used Moore no-till grain drill

JD 1240 plate planter, like new
New Woods 315 Bat Wing mower
New Woods 12' Bat Wing

USED HARVESTERS

Fox Flail Head
Gehl Flail Head
Fox Custom 90
Field Queen 3 row wide corn head

HAY EQUIPMENT

JD 337 w/thrower, new
JD 327 baler, like new
JD 336 baler, sharp
New JD 327 baler
NH 489 9' haybine
NH 478 7' haybine
JD 1207 7' haybine
IH 7' haybine, like new
NH 1033 bale wagon

MISCELLANEOUS

Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI Super Sheller, like new
NI 323 1 row picker
NI 2 row wide, 12 roll bed
Kewanee hydraulic fold 21' disc
JD 14' plowing disc
Moridge grain dryer, 400 bu.
1977 C65 Chevy w/22' body
1980 Ford 350 rollback, 15' alum. body
4 row Danish tine cultivator

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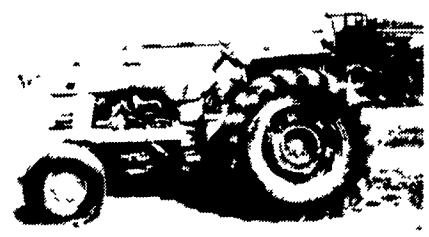
35 Used Combines To Choose From

1984 MF 860 Gear, 1,030 Hrs	$32,000	1975 MF 760 Hydro	$6,500
1984 MF 850 Hydro	$38,000	1974 MF 760 Hydro	$7,500
1984 MF 850 Hydro	$32,000	1973 MF 760 Hydro	$6,000
1982 MF 860 Hydro	$24,000	1973 MF 510 Gear	$3,500
1980 New Idea 801 Diesel 4 Wheel Drive Power Unit	$22,500	1973 MF 510 Gear	$5,000
1980 MF 760 Hydro	$28,000	1972 MF 760 Gear	$5,000
1980 MF 540 962 Hrs	$15,000	1971 MF 510 Gear	$3,000
1978 MF 760 Hydro	$16,000	1969 MF 510 Hydro	$7,500
1978 MF 760 Hydro	$16,000	1966 MF 510 Diesel	$2,500
1978 JD 7700 Hydro	$16,000	Oliver 525 w/2 Heads	$1,500
1978 JD 7700 Hydro	$15,000	III 91 w/2 Heads	$1,200
1977 MF 750 Gear	$16,000	MF 82	$700
1977 MF 760 Hydro	$15,000	NI 843, 3R Corn Head	JD 20 Ft Flex Head
1977 MF 750 Gear	$14,000	JD 6 Row 30" Corn Head	MF 6 Row 30" Corn Head
1976 MF 760 Hydro	$11,000	JD 15 Ft Flex Head	MF 4 Row 30" Corn Head

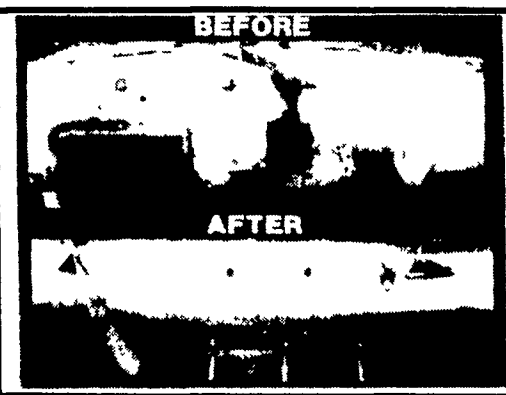
USED TRACTORS



JD 5010	$4,500
MF 1135	$7,500
MF 50A TLB	$12,500
MF 85 Gas	$2,500
MF 1130	$4,500
MF 1080	$4,500
MF Super 90 Dsl.	$2,900
MF 1650 Garden Tractor w/Mower	$1,850
MF 1150	$5,000
MF 285 w/New Tires & Engine Overhaul	$9,500

USED EQUIPMENT

Glenco 7 Tooth Soil Saver	$3,900
MF 351 19½ ft Soil Finisher	$5,200
Landoll 10 ft Soil Finisher	$3,200
Danuser Post Driver	$1,650
Danuser Post Hole Digger	$640
Danuser Wood Splitter	$780
EZ Trail 6 Ton Running Gear	$550
EZ 475 Bu. Self Unloading Grain Cart	$6,400
MF 820 Hyd. 19 ft. Wing Disc	$8,500
JD 336 Baler	$2,600
Dunham Front End Ldr	$1,500
48" Demo 3 Pt Rotary Tiller	$1,075
6' Rotary Cutter	$525
New 8' Myer Snow Plow to fit Farm Tractor	$1,400
AC Forage Wagon	$1,600
IH 4R Fast Hitch Cultivator	$650
Little Giant 42' Baler Elevator	



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RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

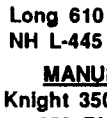
Magnum 7110 MFD
235, 4WD
245, 2WD
265, HI Clear
IH 370 Disc, 11'6", Demo
275, 2WD
275, 4WD
385, w/ROPS
900 Cyclo Planter, 6R

IH 475 Disc 17'5" Priced to move
IH 181 Rotary Hoe, 15' Demo
IH Cub Mechanic Special

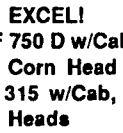
USED EQUIPMENT

IH 1256 Tractor
Bolens diesel tractor, hydro. w/mower
500 Crawler R/C
Farmall H
Farmall C
NH 56 Rake
IH 45 Baler
NH 269 Baler w/thrower
JD Hay Rake
NI Hay Rake
Haines bulk bodies
IH 3-Btm Mtd. Plow
Mechanical trans-planter
Oliver 4-Btm. Semi-Mtd. Plow
IH 4 btm. semi-mtd. plow
MF 4-Btm. Mtd. Plow
MF 82 Combine 13' Grain Head
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 455 Corn Planter
IH 456 Corn Planter
IH 1150 Grinder Mixer

Case IH



New Cash Deals, Low Rate Financing or Waiver of Finance



RD 1, Ringtown, PA 717-889-3184
Bloomsburg, PA 717-784-5217

Since 1949

USED FARM & LAWN EQUIPMENT

JD 210 w/39" mower
JD 212 w/46" mower
JD 314 w/38" mower
JD 31 SOLD 46" mower
JD 318 w/46" mower
JD 50A Box Scraper 4.5'
JD 67 loader or 650 4WD tractor
JD 261 3 pt. rotary mower, like new
1952 Model A JD tractor, excellent cond
JD #8 sickle bar mower
JD 755 4 WD tractor
JD 48" walk-behind commercial mower
(3) JD tilt dump collection system for 300 & 400 Series JD tractors
New Bush Hog 4 & 5' Rotary Cutters In Stock
New JD 5, 6 & 10' Rotary Cutters In Stock

Sale Prices On The Following New Equipment

JD 48" commercial walk behind mower $2,550
JD 1000 2-Btm. 3 PT plowCall For Price
Hardi 80 gal. 3 pt. sprayer w/20' boom & hand gun $965

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NEUHAUS'ES, INC.
Main St., P.O. Box 124
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John Deere Consumer Products Equip.
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1-800-222-7618

C.J. WONSIDLER BROS.

NEW IDEA

NEW HOLLAND

KHD DEUTZ ALLIS

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Sat 7 30 A M -12 30 P M

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Quakertown, PA
(215)536-1935 or 536-7523
Mon-Fri 7 30 A M -9 00 P M
Sat 7 30 A M -4 00 P M

BRANCH
Lobachsville, Oley, PA
(215)987-6221 or 987-6257
Mon-Fri 7 30 A M -5 00 P M
Sat 7 30 A M -12 30 P M

COME IN AND PICK OUT YOUR USED COMBINE EARLY BEFORE THE SELECTION IS GONE. OUR LOT HAS 10' TO 15' GRAIN HEADS & 2 TO 6-ROW CORN HEAD UNITS IN STOCK NOW.

"WE HAVE ONE FOR EVERY SIZE FARM!"

LOW PRICES & LOW FINANCE AVAILABLE

TRACTORS

AC 7050 D w/Cab, Air/Heat
AC 7030 D w/Cab, Air/Heat
AC 7000 D w/Cab, Air/Heat
AC 6080 D w/Ldr.
AC 190 D, Excellent!
AC WD
MF 135 D
JD 2640 D, excellent
JD 4020 D
JD 3010 D w/wide front end
JD 3010 D
JD 720
IH 1466 D, w/Cab
IH 856 D
Farmall 1066 D w/Cab
Farmall 460 D
Oliver 1550
Oliver 500 D
Ford 801D w/Loader
Long 610 D, low hrs.
NH L-445 G Skid Loader

MANURE SPREADERS

Knight 350 PTO w/Endgate, 350 BU.
Gehl 350 w/Endgate, 300 BU.
NH 676 w/Hyd. Endgate, 320 BU.
NH 675 w/Endgate, 300 BU.
NH 519, 217 BU.
NI 245, 360 BU., Endgate
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU. A-1!
NI 218, w/Hyd. Endgate, Tandem, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

COMBINES

AC Gleaner L2 D w/Cab & 16' Grain & 630 Corn Heads
(1978) AC Gleaner M2 D w/Cab, Air, 13' Grain & 430 Corn Heads
(1977) AC Gleaner F2 D w/13' Grain & 438 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner F w/Cab & Both Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 3300 Cab w/Air/Heat, 10' Grain & 238 Corn Heads, EXCEL!
MF 750 D w/Cab, Air/Heat & 630 Corn Head
IH 315 w/Cab, Grain & Corn Heads
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent

TILLAGE

Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
IH 11' Transport Disc
JD 17 Disc Grain Drill

MISC.

Weaverline 224 Silage Cart, 30 BU., w/Automatic Charger, Rebuilt!
Weaverline 330 SS Silage Cart w/Automatic Charger, Excellent
Weaverline 330 Silage Cart, Rebuilt, LIKE NEW!
AC 500 Ldr. Fits 6060, 6070, 6080 Tractors

HAY EQUIP.

(2) NH 489 Haybine
NH 479 Haybine
MF 81 Haybine
(2) Hesston 1014 Hay Conditioner
NH 273 Baler w/kicker
NH 275 Baler w/kicker
NH 320 Baler w/wire tie
Niemeyer 17' Tedder, PTO
Kuhn 17' PTO, 4 Spinner Tedder
Grim PTO Tedder

"We Service What We Sell"

NEW! BOLTS IN STOCK By The Pound NEW!

USED EQUIPMENT

TRACTORS

- Case 430
- Case 730
- Case 1030
- Case DC Tractor
- Case 2470 Tractor
- 1390 Case Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- 656 Int. w/2000 Loader

LOADERS

- Case 1816 Loader
- Case 1830
- Case 1845 Diesel
- Case 1737 Loader
- Case 1830 Uni-Loader
- IH 2000 Loader

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- Hesston 2000 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 705 Uni-Tractor
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- Gehl 800 Harvester

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NH 488 Windrower
- NH 499 Haybine
- Hesston PT 10
- Hesston 1010 Windrower
- Hesston 1090 Windrower
- Case 650 Windrower
- NI Rake
- NI 456 Round Baler
- NI 484 Round Baler
- IH 27 Baler
- IH 445 Square Baler

TILLAGE

- IH 6-16 Auto Reset Plow
- IH 10 Ft. Disc
- Int. 2-Bot. Trailer Plow
- Int. 710 5-Bot. Plow, 16" Auto Reset
- JD 18 Ft. Field Cult.
- 7-Tooth Soil Saver
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- Case 13' Disk, F21
- JD 210 Disk
- Kawanee 10 Ft. Disk
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker
- Vicon Rotary Harrow

MISCELLANEOUS

- King Wise 32' Elevator
- Smoker 24 Ft. Elevator
- NH 36 ft. Elevator
- Gehl 99 Blower
- JD Blower
- IH 56 Blower
- IH No. 10 13-Disc Drill
- JD 7000 4-Row Planter
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 224 Spreader
- IH 595 Spreader
- Gehl 350 Spreader
- Martin 1575 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- IH 510 16x7 Grain Drill
- Ontario Drill

HESSTON FARM EQUIPMENT

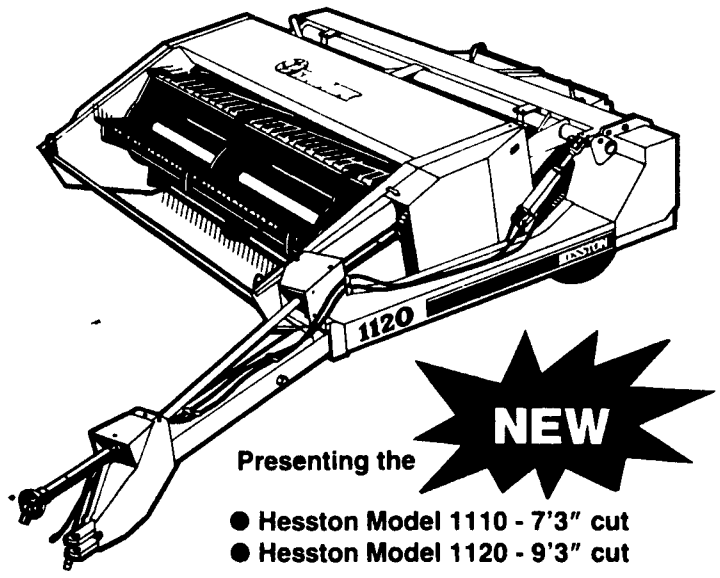
NEW SPECIAL
NEW IDEA 404
WHEEL RAKE
$1,250

NEW IDEA

Case IH

HESSTON THE PRIME LINE

Have It Your Way – Versatility With Economy!



NEW

Presenting the

- Hesston Model 1110 - 7'3" cut
- Hesston Model 1120 - 9'3" cut

These new Hesston pull-type mower-conditioners are designed to cut fast, dry hay quickly and save the leaves.

The reliable halfswaybar sickle drive (1700 spm) cuts the crop quickly and the standard 4 bat reel (5 or 6 bats optional) delivers the crop directly to the full width, engaging conditioner rolls. Swath shield can be changed easily by moving one lever, and forming shields are adjustable for any size of windrow.

See all of the value-packed features of these outstanding Hesston-built machines at your dealer today!

Model 1120 In Stock...
Cash Discounts or Waiver Til Oct. 1
On Tractors And Hay Equipment

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½ Mile West Off Rt. 501 On School Road, Bethel, PA
Phone 717-933-4114

BEILER ENGINE SERVICE

LOMBARDINI · Kawasaki

Now In Stock
48" Portable
Engine Fans

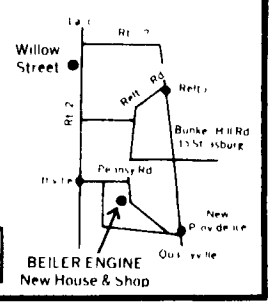
ATTENTION BALER ENGINE OWNERS

This twin 20 hp is becoming very popular for hay balers and other applications traditionally equipped with 2 cylinder Wisc. engines and can also replace the older 4 cylinder engines on some applications.

We Stock A Large Selection Of Baler Engines

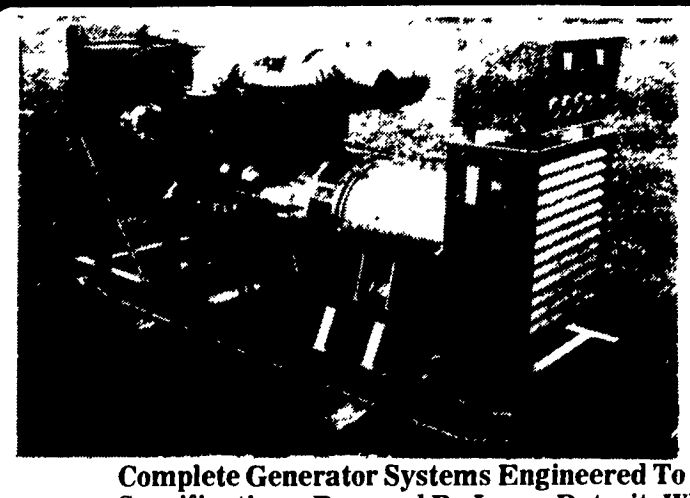
New	Rebuilt
20.0 HP Kawasaki	16.8 HP Wisconsin
18.2 HP Wisconsin	18.2 HP Wisconsin
25.0 HP Wisconsin	We also have used engines
17.0 HP Lombardini Diesel	to be used as spares while
20.0 HP Lombardini Diesel	we rebuild yours.
25 HP Lombardini Diesel	(1) Used 25 hp Lombardini Diesel

We offer in the field emergency service on baler engines.
Call Hoover Diesel at 717/786-7943
and they can contact us or our driver.



UPS Pick Up & Delivery Available
We Ship UPS

HOURS:
Mon.-Fri. 7-7 Saturday 7-5 Closed Sunday



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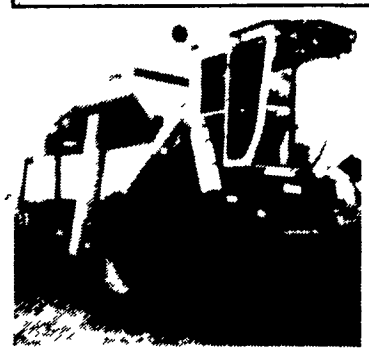
SPECIALS OF THE WEEK

BRAND NEW

AC 7045 WITH ROPS & CANOPY

- *Never Used*
- *Warehouse Kept*
- *Factory Warranty*



AC Gleaner L2
6 Row Cornhead,
15 Ft. Flex Head,
Excellent Condition

Used AC 7060
In PERFECT Shape!

Used AC Corn Planters
IH 800 Planter (Very Nice)

NEW **M3 GLEANER COMBINE**

MORE TRACTOR SPECIALS

NEW AC TRACTORS

5050 A.C.	5040 A.C.	7045 A.C.	6070 A.C.
Deutz Allis 6240's—6250's	7010 A.C.	6240 A.C.	6140 A.C.

USED AC TRACTORS

7040 A.C.	XT 190	185	7000
7030 A.C.	180	7060's	7045 A.C.

OTHER USED TRACTORS

IH 340	IH 140	IH 806
IH 244 FWD	AC 6080 4WD w/Loader Low Hours	JD 1050 4WD

Super A w/Plow & Cultivators (A-1 Shape)

NI 708 UNI-SYSTEM, HYDRO DRIVE w/717 COMBINE CORNHEAD & GRAINHEAD

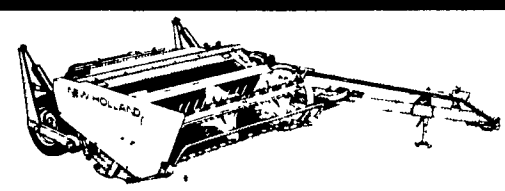
GRUMELLI FARM SERVICE

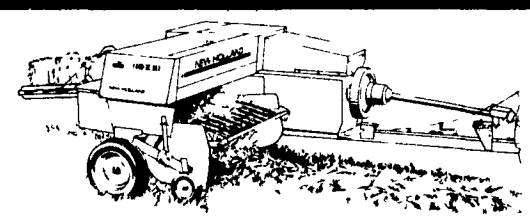
See Salesmen:
Jerry Hershey
Clarence Herr
Tony Grumelli

Quarryville, Pa.
717-786-7318

bobcat · DEUTZ ALLIS

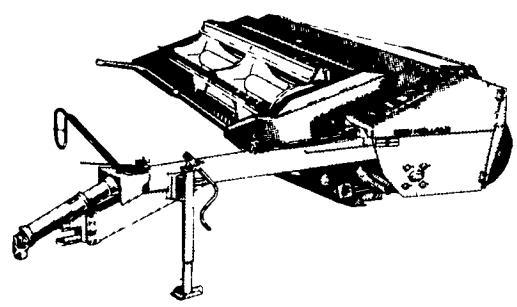
WAIVER OF FINANCE UNTIL JAN., 1989 ON HAY TOOLS!





#1 in the field.

Come in and see the industry standard New Holland Haybine* mower conditioners No plugging less down time See us today



See it in action!

We have this New Holland Model 489 Haybine mower conditioner in stock and we're ready to give you a demonstration A nine foot cut thorough conditioning and a header suspension system that glides over rocks and other hazards to keep you on the go Come in today

We can save you time and work.

Don't take chances on a breakdown in the middle of your harvest See us today about replacing that old worn out round baler with a Model 848 It features a roll floor design for sure fast core formation and increased base density The 848 makes bales four feet wide and up to 4½ feet in diameter with a bale weight of 850 pounds Choose one of four tying methods manual hydraulic electric or Memory Wrap with Bale Command See us today

SHARTLESVILLE FARM SERVICE

R.D. 1, Box 1392
Hamburg, PA 19526
Phone: (215) 488-1025

Let's deal!

If you're worried about your old 14 x 18 baler come on in and let's deal on a new one The New Holland Model 316 baler is known for its reliability and capacity It makes dense uniform bales features a wide Super-Sweep pickup and the most reliable knotter in the business Stop in and let's deal!

USED EQUIPMENT

Stock #	USED HAY & FORAGE
UB0034	NH 495 (12 ft) Haybine w/Lat. Trans
UB0185	NH 495 (12 ft) Haybine w/Lat. Trans
	NH 1495 Haybine, Hydro, Cab, 675 Hours
UB0193	NH 320 Baler w/70 Thrower
UB0197	NH 469 (9 ft) Haybine (As Is)
UB0177	NH 479 (9 ft) Haybine (As Is)
	NH 479 9 Ft. Haybine w/New Rolls-Call For Price
UB0205	NH 770 Harvester w/New Knives w/2 Row 30" Head & 717 W Pickup Head
UB0211	NH 890 Harvester w/880 W Pickup & 2 Row 30" Head
UN0218	JD 35 Harvester w/Hay Pickup (As Is)
UB0173	NH S717 Harvester w/Row Head & 717W Pickup Head
UB0222	NH 27 Forage Blower
UB0195	Gehl 99 Forage Blower (Less PTO Shaft) (As Is)
UA0040	NH 880R-2 2 Row Wide Head
UB0213	NH 880 N-2 2 Row Narrow Head
UA0030	NH 717R 1 Row Corn Head
	MANURE SPREADERS
UC0061	NI 244 (325 Bu) Manure Spreader w/Hyd Gate
UC0062	NI 245 (375 Bu) Manure Spreader w/Hyd Gate
UC1000	NI 213 (176 Bu) Manure Spreader w/ Single Beater
UC0047	NH 667 Tank Spreader RH
	UNI EQUIPMENT
UA0012	NI 760 Uni Harvester (As Is)
UA0055	NI 766 Uni Pickup
UA0066	NI 766 Uni Pickup
UA0011	NI 766 Uni Pickup
UA0056	NI 763 Uni Corn Head (3 Row 30")
UA0013	NI 762 Uni Corn Head (2 Row 38")
	MISC. EQUIPMENT
UC0055	NH L778 Skid Loader w/(New Engine)
UA3000	MF 13 ft Grain Head Fits 300
UA0042	MF 322 Corn Head (3 Row Wide)
UA0043	
UA0044	2 MF 24 Corn Head (2 Row Wide)
UA1111	MF 222 Corn Head (2 Row Wide)
UA0010	MF 300 Combine w/Cab (Needs Motor Work)
	AC 7020 Tractor w/Power Shift, Approx 1500 Hours
	COMING IN...
	NH 1469 Self Propelled Haybine, Nice
	JUST TRADED...
	NH 326 Baler w/70 Thrower
	Badger BN165 Round Baler
	Gleaner K Combine w/13 Ft Head
	NH 782 Harvester w/Grass & Hay Head

Ford · FORD · NEW HOLLAND

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JOHN DEERE

CHECK OUR SPECIAL DEALS

CALL EARLY FOR INFORMATION AND PRICES

717-291-1046

Or In Pennsylvania, Call Toll Free

1-800-524-3276

(1-800-LBI-FARM)

Mon. Thru Fri. 7 AM To 5:15 PM Sat. 7 AM Till Noon

Tractors

JD 4630 Cab, P/S	$17,500
JD 4430 4-P, Quad	$12,500
JD 301A w/Ind. Loader	$ 6,250
JD 3010 Dsl., S/R	$ 5,250
JD 3010 Dsl., S/R	$ 4,500
JD 2010 Dsl., w/Hyd. Loader	$ 2,995
JD "A" w/Cult.	$ 1,195
JD "B"	995
AC 6140 MFWD w/450 Loader	$ 9,000
Ford 3000 Gas	$ 2,500
Farmall "M" w/Snow Blade	$ 1,400
Farmall "A" w/Cult.	$ 1,095
Ferguson TO-20	$ 1,650
MF 2745 Cab, Dual Wheels	$17,500
IHC 560 Dsl.	$ 3,150

GOOD SELECTION OF USED HAY AND FORAGE EQUIPMENT

Special Terms - Interest Waiver Until Sept. 1, 1988

NH 320 Baler w/Ejector	$ 4,400
JD 24T Baler w/Bale Chute	$ 500
In Stock- One Only, NEW JD 327 Baler w/JD 40 Ejector	$ 9,995
NH 489 9 Ft. Mower Conditioner	$ 3,995
NI 270 7 Ft. Cut-Ditioner	$ 1,250
Field Queen S.P., Harvester, Cab, Updated 8-Knife Cutterhead, w/3R30, Hay P.U.	$14,500
JD 35 w/5½ -Ft. Hay P-U	$ 1,500
JD 16A Flail Chopper	$ 575
JD 716 Forage Wagon w/Roof JD 1075 Running Gear	$ 4,500
Grove Forage Wagon	$ 1,000

Cultivator

AC 4R 30 Rear Mtd.	$1,500

COMBINES

Special Financing — 9.5% Fixed Rate

JD 6620 Side Hill w/Cab, Hydro, 15-Ft. Flex	$41,500
JD 7700 w/Cab, Diesel, Hydro, 15-Ft. Rigid	$26,500
JD 7700 w/Cab, Diesel, 15-Ft. Rigid	$13,000
JD 6600 w/Cab, Diesel, Gear - MECHANIC'S SPECIAL	$ 5,000
AC "E" Gas, Gear, 10-Ft. Rigid	$ 2,250

PLANTERS

No Interest Until April 1, 1989

JD 1240 4R30, Liquid Fert.	$ 395
JD 1260 6R30, Dry Fert.	$ 750
JD 7000 6R30, min-til coulters, liquid fert., insect., monitor	$ 2,500
JD 7000 6R30, Dry Fert., Insect.	$ 5,000
JD 7000 6R30, Dry Fert., Insect., Unit Coulters, Mon.	$ 6,995
JD 7000 6R30 Conservation Dry Fert. Unit Coulters	$ 7,995

SUMMER XTRA From The Parts Dept.

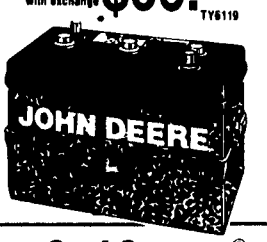
Hand Cleaners

Contains skin conditioners and antiseptics
14-oz
Reg. $1.89
Now $1.69 TY15409

Heavy-duty liquid with pumice
Reg. $2.40
Now $2.10 TY15136

Tractor Battery

For most John Deere Row-Crop Tractors
Only $66.75 with exchange TY6119



Sprayway Glass Cleaner

Leaves no film
Perfect for tractor cabs
19-oz
Only $2.25 TY15622

Torq-Gard Supreme® Engine Oil

For diesel and heavy-duty gas engine applications
5-gal
$20.75
AR63219

Hy-Gard® Transmission and Hydraulic Oil

Protects against gear and bearing wear. Ideal for both transmissions and hydraulics systems
5-gal
$20.75
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LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601

(Located S. Of Rts. 30 And 283 On PA 72)

JOHN DEERE

Norm Shores & Son Tractor

Towanda, PA

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Financing Available To Qualified Buyers

USED TRACTORS

Case 1690 w/Ldr., Excellent
JD 5020 Row Crop 20x38 Tires
JD 4020 P. Shift
JD 4240 PS, cab & air
JD 4230, 1977, quad
JD 4430 4 post, quad
Ford 7000, dual power
Ford 6600, dual power
Ford 5000 Dsl., 10 sp, nice
Ford 4000 Gas, 8 sp.
Ford 4000 Dsl., 8 sp.
Ford 3600 Dsl., nice
Ford 3000 Dsl. w/ldr.
Ford 3400 D 3 Pt. PTO w/Ldr.
Ford 3000 Gas, 8 Spd.
Ford 810 Dsl. w/Loader
Ford 801 Gas, 5 Spd., PS
Ford 601 w/loader
Ford 8N

USED TILLAGE

White 5400, 4R Planter
White 618 AR plow
Oliver 516 Auto Reset
Ford 151, 5x18 AR plow
White 252, 12' Disk
Kewanee 16' Hyd. Fold Disk
Bush Hog 1438, 12' Disk
IH #10 Drill, 14 Disk
IH 510, 3-16 Plow
IH700, 5-16 AR Plow

USED HAY EQUIPMENT

NH 315 Baler w/Thrower
NH 847 Auto Wrap
NH 56 Rake, like new
NH 55 Rake, excellent
NH 477 Haybine

USED HARVESTER HEADS

JD 5½ ' Hay w/Clutch
NH 770W Hay
NH 717W Hay
NH 880 N3 Corn
JD 2RW Corn
Gehl TR3038 Corn
NH 717 N2 Corn
Gehl HA600 Hay

USED FORAGE EQUIPMENT

Gehl CB700 w/Both Heads
JD 3960 Both Heads, Like New
JD 3940, 2RN & PU
NH 1880 SP Harvester, Cat Dsl., Low Hrs.
NH 892 w/Both Heads
Gehl CB600 w/Both Heads
Gehl 940 3 beater w/roof
Lamco 2 beater w/roof, new gear

CONSTRUCTION EQUIPMENT

Ford 420 w/loader
Ford 3400 w/loader, PTO, 3 pt.
JD 450B 6 way dozer
JD 450B Turbo Loader

SPREADERS

NI 218 Spreader w/Gate
NH 680 Spreader w/Gate

MISCELLANEOUS

MF 92 SP Combine w/12' G.H.
JD 148 All Hydraulic Loader

PICKERS

NI 325, 2RN 12 Roll Bed
NI 323, 1 R
NI #10, Original

Engine Parts — Gaskets

Cylinder Heads
Rebuilt or Exchange
Engine Rebuilding

Spring Garden Repair

RD 1, Box 204
Kinzer, PA 17535

VEGETABLE GROWERS

JOHN DEERE Hi-Boy overhead sprayer, ideal for all vegetables & sweet corn — $5,000
FARMALL BN with rebuilt engine and 2-row cultivator — $1,800
PLASTIC MULCH LAYER — $600

GARRETT'S FARM
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Bernville, Pa. 19506
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Dismantling Combines for parts over 400 all makes and models
Dismantling 58 pickers for parts

All Combines Sold— free parts for one season if in our parts lot.

IH: 915, 815, 715, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 105, 82, 76, 74 JD 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40, 30, 25, 12A MF. 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66, 100 Oliver 545, 535 525, 430, 40, 35, 33, pull type NI. Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters Ford 622, 630, pull type Case. 1160, 960, 700, 660, 600 NH 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, 7300, Massey 750D, Straw Spreaders & Choppers, JD 7720, Motors, transmissions, tires, corn & grain heads

COMBINES
65 To Choose From

NI 702 dsl combine w/2 or 3R ear corn units
(2) JD 45 w/10' Grain & 2R
JD 55 w/12' Grain
JD 45 Rback w/10' hume reel, nice
JD 7700 diesel w/heads
JD 6600 diesel, hydro, big rubber, rotary screen
JD 6600 diesel, gear, $7,000
(3) JD 4400 diesel, rotary screen, $7,000
(2) JD 40 w/10' grain & 2R
JD 45 square back w/2R 10' grain & cab
1980 JD 4400 diesel w/ heads, SOLD nice
1977 JD 6600 side hill w/6R 30" & 14' grain, $19,500
AC FKS dsl. w/heads $7000
AC Gleaner F2, hydro diesel w/heads
AC Gleaner M Dsl. Hydro grain saver w/4R 30" black corn head & 12' grain
AC E3 w/12' grain & 2R corn
Gleaner F2 w/heads
Gleaner K w/10' grain & 2R corn, $4,000
1976 Gleaner FKS dsl. 13' grain & corn head, real nice, $12,000
(2) C-2 Gleaners w/4RW for 4RN & grain head
Massey 300 w/grain & corn head
Massey 82, $1,200
Massey 35, 8' head
MF 760D hydro w/heads
MF 540 dsl., gray cab, duals, 1145 corn & 13' grain
(4) MF 510 diesel w/head
(4) MF 410 diesel w/heads
MF 510 diesel, hydro w/ heads
MF 410 diesel, hydro w/ heads
(3) MF 300 gas, cabs & heads
MF 300 diesel, quick tach w/ heads
MF 205 gas, cab, 10' grain
MF 82 2R corn & 12' grain
1983 MF 850, 28x26 tires, 1177 hrs, silver cab w/ grain 6R 30" or 4R 38", clean, one owner
Late MF 750 hydro diesel, just had $4,000 spent on it last fall, real nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 1440 Axle Flow Combine w/grain & 4R corn
IH 915 diesel, turbo, hydro w/ grain & 4 or 6R head, $13,000.
IH 815 dsl, hydro, late profile w/810 grain head & 844 4R corn
IH 715, German dsl, w/810 grain & corn head
IH 615 gas w/810 flex, 2 or 3R corn
IH 403, gas, cab, 4R 30" & grain head
IH 315 hydro, cab, bean flex head, 3R 30" or 2R 38"
IH 205 w/grain 3R, 30" or 2R 38"
IH 76 pull type, PTO w/bin
IH 715 hydro diesel w/grain & corn
IH 715 gas w/13' grain & 4R 30" corn
IH 203 10' grain & 2R corn
IH #80 pull type, PTO w/bin
1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs.
NH TR70 Cat. diesel, 4 row 30", 13' grain
NH TR70 Twin Rotary, Cat. dsl., cab, air, radio, 28x26 rubber, low hrs., nice
NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
NH 1400 w/grain & 4R 38" corn, $8,000
(2) Case 600, 10' Grain & 2R or 3R Corn

DISC HARROWS

(2) off-set discs from 8' to 11'
JD 10 to 14' RWA discs
JD RWA 13' wheel
4 IH 37 10' to 13'
MF Trail type chisel plow
2 JD 15' plow discs
Ford 18' wing disc, nice
JD 15' field cultivator
Athens 3PT chisel plow
10 & 12 tooth trailer chisel plows
3PT 8' disc
8, 10, 12, & 14' Wheel Disc
7 & 8' drag discs
Good selection of wheel discs

GARDEN TRACTORS

AC 16HP w/mower
MF 12HP hydro w/mower
Cub Cadet 10HP w/mower
Cub Cadet 8HP w/mower
MF 12HP hydro w/mower
Cub Cadet hydro 12HP w/ mower
Cub Cadet gear, 12HP w/ mower

TRACTORS

(3) Ford 850 gas, 3PT
VAC Case w/Eagle hitch
Late Farmall H w/side mtd IH mower
AC 190, gas, WF, 3PT
AC WD w/power steering
Farmall C w/cult.
Farmall BN w/cult
Oliver 1600 gas w/3PT
Oliver 1755 dsl, WF, w/rod out motor
Farmall F20, all orig.
Farmall Super A w/plow & C mower
Ford 9N, all original
C Allis w/belly mower
IH 450 gas, PS
IH 350, diesel w/PS
IH 656 gas, NF
IH 560 Gas, FH, $2,000
IH 450 dsl. w/PS & fast hitch
IH 504, power steering, 3PT
IH Hough Payloader
IH 400 Dsl. w/power steering
AC Road Grader, good running, new paint
Ford 1952 8N w/hr. meter
Oliver Crawler w/Roll Guard
Farmall M, late model
Ford 5000 Tractor, late model overhauled, new paint, new tires

FORAGE HARVESTERS

IH #5 Flail Chopper
Gehl 600 w/heads
IH 350 1R Harv.
IH 720 w/2R corn heads
NH #822 2R 30" corn head
IH 55 2R & pickup
2 NH 33 Flail Choppers

WIDE FRONT ENDS

MF 65
Massey 44 & 444
Massey 101, 30 & 33
IH WFE (2), fits 460, 560, 656, 666, 706, 806, 756, 856

SPREADERS

IH 540 w/hyd. gate, $1375
NI 3-beater spreader, nice
NI 12A, ground driven

CORN PICKERS

IH 560 gas w/IH 234 picker
NI #10, 1R
Blue Ford 3 pt. 1R
NI #7, $500
NI 325 2R 30" pull type
(2) NI late 323 1R
Oliver 73 2R 38" pull type $750
NI #7 1R pull type $500
Woods Bros 1 row

ROTARY MOWERS

JD 3PT & pull type
2 Woods 7' trailer
20 New 6' 3PT IHMC 3 pt 6, 7 & 8'
Also pull types.

PLOWS

JD 7x16 reset on-land hitch
2 JD Trailer 9 & 10 tooth chisel plows
IH 540 4 btm. 16", new bottom
JD 4 & 5 btm.
IH 3, 4 & 5 btms.
Ford & JD 3PT 2-btm.
Oliver 6-btm. 16" on land hitch
Ford 3-btm. 16", auto reset
15 plows, 2 to 7 bottom

HAYBINES & RAKES

NH 479 Haybine
IH 990 Haybine
IH, JD & NI steel wheel rakes
Hesston 10' hydro-swing center pivot hitch, $2850

MISC.

JD 6R 3PT cultivator
IH 4R 3PT cultivator
Case Bale & Grain Elevator, $485
JD Unloading box w/wagon
1976 Trail EZ, 48' Combine Trailer, good shape, now in use.
IH 56 Blower w/heavy shaft, $675
Grain & Hay Elevator, $325
IH 3-beater wagon w/roof
MF loader, hyd. bucket
Snowco 45' auger elevator on transports
JD 4R cultivator
IH Front Mtd. cultivator
Gehl Grinder-Mixer, 785
3PT fertilizer spreader
Century 500 gal. 12R PTO trailer sprayer, real nice
Sickle bar mowers, 3 pt. semi & trailer types
IH Loaders to fit C, Super C, 200, 230, H, M, 300, 350 & 300 & 350 utilities
MF Loader fits T020, T030, 9N & 8N

NEW 3 PT. EQUIPMENT

Post Hole Diggers
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Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
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Cement Mixers

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IH TD5 Crawler, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 444, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12 JD M, 4020 dsl, 4010, 3020 dsl, 3010, 2020 Dsl, 2010, 720, 70, 60, 50, A, B AC 180, D14 D15, D17, D19, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20 Case 600, 300, DC, SC, VAC Ford 6000, 4500, 4100 4000D, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Oliver OC3 Crawler, 1800, 88, 77, 70, 66, 60 Crawler D2 Cat & Oliver MM 5 Star, R, Z E3 Coop, David Brown 990

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Hyster 2000 lb. cap. Gas, Air Cooled, Pneumatic Tires..... ~~$2,900~~ $1,995
Baker 3000 lb. cap. LP Gas, Auto, Solid Tires..... ~~$3,500~~ $2,995
Clark 4000 lb. cap. LP Gas, Auto, Solid Tires..... ~~$3,500~~ $2,995
Clark 4000 lb. cap. Gas, Pneumatic Tires..... ~~$4,500~~ $3,995
Yale 6000 lb. cap. Gas, Solid Tires..... ~~$4,500~~ $3,995
Clark 4000 lb. cap. LP Gas, Auto, SOLD Tires..... $5,800
Yale 5000 lb. cap. LP Gas, Auto, Pneumatic Tires.... $5,500

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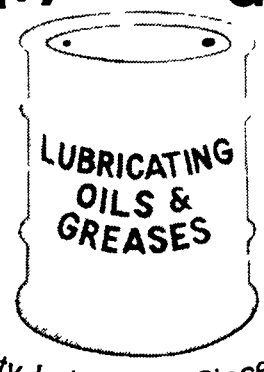

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TRACTORS

IH 1486 Dsl., Cab & Air, Sharp
1988 JD 4050, Cab, Air, 15SP, P. Shift (NEW)
JD 3020 Dsl., P. Shift, WF
1968 JD 3020 Gas, WF, 3600 hrs., very nice
JD 2940 Dsl., 2400 hrs., very good
JD 2030 Dsl., very nice
JD 2030 Dsl., Hi/Low, Ind. PTO w/145 Loader
JD 1530 Dsl., Very Nice
JD 830 Dsl., 3 Cylinder, Utility, 3PT, P. Steering, excellent
IH 140 w/ SOLD Mower
MF 165 Dsl., 3PT, P. Steering, WF
MF 85 Gas, WF, P. Steering, Ind. PTO
MF 50 Gas, 3PT, P. Steering, Wf, exceptionally nice
Case 1070 Dsl., Cab & Air, 2300 SOLD hrs.
Case VAC w/Hydraulic Side Mounted Mower
Ford 2000 Gas, 3PT

CORN PICKERS

NI 708 Cab & Air, Hydro, 737 Husking Bed, 4RN Corn Head & Sheller Attachment
NI 325, 2RN, 12 Roll Bed, Late Model, Very Nice
NI 324, 2RW 12 Roll Bed, Late Model
NI 323, 1R, very good
NI 319, 2R Mtd. w/12 Roll Bed, very nice
JD 300 Husker, 2 or 3R Head, 3 to choose from, excellent condition

NEW ARRIVALS

JD 347T Baler, used 1 season, excellent
Case 2290 Dsl., Cab, Air, Power Shift, 2,000 hrs.
JD 327T Baler w/ejector, like new
MF 560 Round Baler, good belts
NH 1033 Tandem Axle, 105 bale capacity, stack wagon
JD 336T Baler w/30 ejector
NH 846 Round Baler, Auto Wrap, excellent
1978 MF 1085 Dsl., Cab & Air, 1,300 hrs., like new

6500 bale wire

CORN HEADS

JD 243, 2RN w/Adaptor Plate
JD 244, 2RW
JD 343, 3RN Corn Head
JD 443 Low Profile 4RN, excellent
JD 443, 4RN
JD 444, 4RW
JD 643, 6R 30
JD 235 2RW 45
AC A630 to Fit M2 or L2
IH 843, 4RN
MF 43 4RN Corn Head
MF 44, 4RW Corn Head
MF 1143, 4RN
MF 1144, 4RW Corn Head
MF 1163, 6RN

Good Selection of Late Model Quality Heads

TILLAGE

IH 720, 4x18 Toggle Trip, Like New
IH 720, 5x18 Spring Reset Plow
IH 710, 4x18 Plow
IH 710, 4, 5, & 6x18 Spring Reset
JD 2800, 5 Bottom Onland Hitch Plow, Spring Reset
JD 1600, 12 Tooth Pull Type Chisel Plow
JD 3x16 R SOLD er Plow
Brillion 12' Cultipacker
JD 230, 20' Hydraulic Wing Fold Disk
JD TWA 12' plowing disk, very nice
JD 340, 12' Offset Disk Harrow, 26" Blades
JD AW 12 & 13' Disk Harrow
MF 7 Tooth Pull Type Mulch Tiller
Lely 12' Rottera

HAY EQUIPMENT

JD 337T Baler, Excellent
NH 277 Baler w/Thrower, very nice
NH 495, 12' Haybine
NH 478, 7' Haybine
NH 474, 7' Haybine, Like New
IH 990, 7' Mower Conditioner
IH 720 Harvester w/2R C.H., very nice
JD 1209 Mower Conditioner
NH 851 Round Baler
NH #90 Bale Mover
JD 5400 SP Harvester, Cab & Air, 4WD, Choice of Heads
JD 5200 SP Harvester, Cab & Air, 4WD, very nice, Choice of Heads
NH 782 Harvester w/2R Corn Heads & PU Head
JD 7" Hay Pick Up w/gauge wheels
JD 5½' Hay Pickup
JD 3RN Forage Corn Head
NH #8 forage wagon, tandem axle, 3 beaters w/roof, very good
Pequea PTO driven hay tedder

COMBINES

1978 JD 6600 Dsl., Cab & Air, Side Hill, Choice of Heads
1974 JD 4400, Cab & Air, 1550 hrs., 23" Rubber, Very Nice
NH TR95 Cab & Air, Hydro, Rear Wheel Drive, 900 hrs., one owner, very nice
1982 JD 6620, Hydro, Cab & Air, 4WD, Turbo, Excellent Choice of Heads
1980 MF 550 Dsl., Cab, Air, Hydro, 23" Rubber, Very Nice
1978 JD 4400 Dsl., Cab & Air, 23" Rubber, very nice
1972 JD 4400 Gas, Good Solid Machine, Choice of Heads
1975 JD 4400 Dsl., Cab, Air, 1190 hrs., 23" Rubber, very good, Choice of Heads
JD 3300 Gas, Cab w/10' Grain SOLD Table
Corn & Soybean Chopper to fit JD 3300-4400
JD 213 & 215 Flex Heads
IH 820, 15' Flex Head
1980 Gleaner F2, Cab & Air, 23" Rubber, Flex Grain Head, 900 Hrs., Exceptional Condition, One of A Kind Machine
JD 218 Flex Head, Black Reel
MF 510 Dsl., Cab, QT, Very Nice, Choice of Heads

Farmco Bale Wagons 8x18, 8 Ton Gear, Adjustable Tongue

Deutz Fahr Hay Tedders
2, 4 and 6 Star
10' 17½' 24'

BALE WAGONS

NH 1037, Tandem Axle, 105 Bale Capacity
NH 1034, Tandem Axle, 105 Bale Capacity, Single Bale Unload
NH 1003 Single Axle, 80 Bale Capacity, Used 2 Seasons
NH 1012, Single Bale Unload, 60 Bale Capacity

CORN PLANTERS

JD 7000, 6R Cons. Liq. Fert., Insect., Monitor, Markers
JD 7000, 4RW, Liq. Fert., Insect., Monitor

MISCELLANEOUS EQUIPMENT

NH 353 Grinder Mixer, Very Nice
JD 605 Tandem Axle, fert. spreader
NI 42' Hay & Grain Elevator, PTO or Motor
Parker & Turnco Gravity Wagons
NI 213 single beater spreader, 160 bu. w/hyd. end gate
JD 750 Grinder Mixer w/Hay Feede SOLD chment, like new
IH 1850 Loader, w/Valve, excellent
Farmhand Loader to Fit IH 560 thru 686
18x38-18x34-20x38 Duals
Cab to fit JD 2840's and 2940's
Cab to fit IH 706 thru 1256
JD Roll Guard, Fits 1020 to 2640 Tractor
JD 400 SOLD Hoe
Donahue Equipment Trailer
Kelly 3 Pt. Backhoe, (NEW)
Gehl 95 Grinder Mixer

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484 Round Baler SOLD	$10,107	$8,500
486 Round Baler	$13,285	$11,000
527 Disk Mower 6'8"	$4,485	$3,500
521 7 Ft. Sickle Bar, Pull Type	$3,445	$2,850
522 3 Pt. 9 Ft. Sickle Bar	$3,050	$2,500
279 9 Ft. Cut-ditioner	$7,995	$7,000

Just Received New 5209 Disk Mower-Conditioner
All Above Items Subject To
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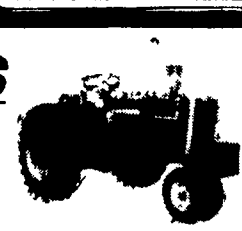

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QUALITY USED PARTS

We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 966, 544, 340, 706-D, Super M, 806
JD 4430, 730 gas, 3020-D, 4320
MF 1100
Oliver 550 diesel
AC 5040, 6080, WC
Loaders - IH 1701, AC to fit 6080

COMBINES

Selling for owner, late '84 JD 6620 hydro, 565 hours, 28" rubber, monitor, chopper with 220 flex head, absolutely like new
Available - IH 715, '76 model, German engine, variable speed, 15', 810 head, 843 corn head, 1,600 original hours, sheded and sharp
Available - IH 915 low profile, diesel, hydro, air, good condition, 1,900 hours

USED TRACTORS

IH 856, gas, WFE, 18.4x38 tires, dual hydraulic, dual PTO, good solid tractor
Farmall 400 Wheatland tractor on steel for collectors or belt power
Farmall Super M, very nice condition, low hours since overhaul
IH 966 Cab and air, WFE, 3 pt., good solid tractor
IH 1066 fender tractor, new TA & clutch, 85% rubber
IH 826 diesel, WFE, dual shaft, rebuilt TA, dual hydraulics, good condition
Koyker K7 Loader to fit 66 or 86 series IH Tractor super heavy duty came off of 1586

Delivery Available Anywhere

TRACTORS

JD 4430, 1974, cab, air, quad range
1976 JD 2640
Ford 4000

MISCELLANEOUS

IH 990 haybine
NI 299 mower conditioner
IH #60 flail mower, 14'
MC 12' flail mower
JD 35 harvester w/2 RW head
JD F145 4-16 semi plow w/harrow attachment
JD F145 5-16 semi plow
JD RG 4 row cultivator, (4 row wide)
JD 7000 4 row wide, notill, dry fert., insecticide, monitor
JD 7000 6-30 dry fert., insecticide, monitor
JD 7000 8-30 dry fert., insecticide, monitor

COMBINES

1987 JD 7720 Titan II combine w/88 hrs. w/JD 220 flex cutter bar w/JD 643 corn head, SUPER SHARP!

1983 JD 8820 Titan combine w/2,642 hrs., power rear, duals w/JD 224 flex cutter bar
1980 JD 8820 combine, 2000 hrs., power rear, duals, JD 220 flex cutter bar
JD 7720 4WD, 2400 hrs. 218 flex cutter bar, 643 C.H.
JD 653 row crop bean head
1987 JD 220 flex cutter bar
1987 JD 643 corn head

1986 JD 6620 Titan II Combine, 203 Hrs., 216 Flex Cutter Bar

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* Lac-Tracker Computer Feeders

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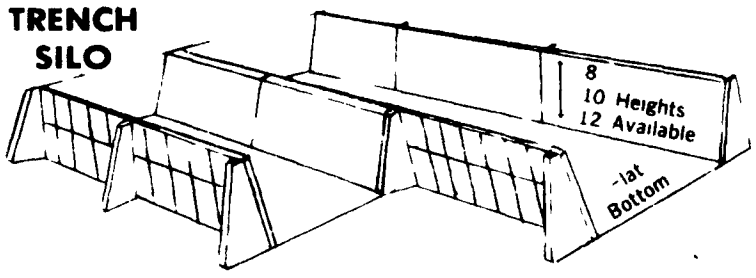
Repair Holes & Rough Silo Interiors. Make Your Old Silo Look Like New On The Inside.

We Cover A Wide Area
RD 2, Box 91A Honey Brook, PA 19344
215-273-3993

TRENCH SILO



PANEL-STRUCT, INC.

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CUSTOM DESIGNING FOR YOUR PRE-CAST NEEDS
INSULATED PANELS
Movable And Expandable - We Deliver And Install

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- Pre-owned Harvestore® Units In Stock
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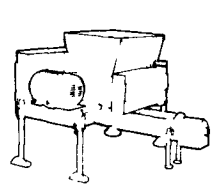
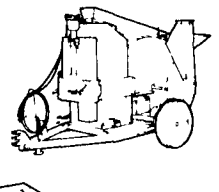
SAVE BIG AT THE STARLINE' ROLLER MILL SALES DERBY.

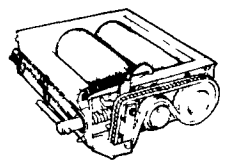
Your Starline dealer features a complete line of stationary and portable mills This is a great time to take advantage of special savings

Starline Floor Mill – ideal for feed room or elevator





A complete line of portable mills including this popular earcorn blower mill



It all starts with the best rolls! Starline rolls are machine cut from a continuous length of carbon steel Fatigue-proof shafts in heavy ship-channel frame withstand tremendous pressure

STARLINE

BUILT TO LAST. PRICED TO SELL!

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Full Line Parts Department For Starline

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- NEW - VOLUMASTER™ Silage Distributor/ Unloader

A Rainbow Of Features

The Volumaster silage distributor/unloader offers all the best performance features in one machine Only the Volumaster system uniformly packs more silage in and gets it out faster than ever Plus, all components are easy-to-get-at for convenient service, and are designed to last longer with less maintenance

ALSO AVAILABLE FROM JAMESWAY:
Single Cable Unloader

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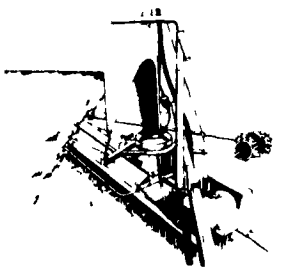
Movin' up to do the tough jobs better.

Special Promotion!
Never Been a Better Time to Move Up to VAN DALE
Buy NOW!

Move up to the ultimate workhorse — move up to magnum —



Before The Price Increase Effective 7/16/88

WE SERVICE WHAT WE SELL — AND OTHER MAKES AS WELL

We Take Trade-Ins

New Van Dale Mixers	Call
New Cow Stable Fans	Call
New 165 Bu. Bin Wagon w/8 Ton Running Gear	Special $800
New 195 Bu. Bin Wagon	$500
Calhoun Forage Wagon w/Roof, Like New	$1,500
NH 717 Harvester, OK	$500
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In Stock: Used Van Dale and P & O Unloaders
Good Used Augers. Most Any Make

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1750 Harvestore with Hercules unloader; blue top $6500 OBO. 717-299-6180 after 6PM

20x60 silo w/Jamesway ring drive unloader $3,000 Chester Co: 215-942-3996.

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Used 12' Van Dale unloader. 717-866-5708

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Moving Concrete Stave Silos
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...Committed to superior performance in Forage Management Systems.

- Star "Topper" Silos
- Van Dale unloaders and equipment
- Energy-Pak Systems with Little David Ring Drive Bottom Unloading

A "Star" Will Make Your Future Brighter
They work long and hard, won't lay down on the job.
Quality Doesn't Cost - It Pays

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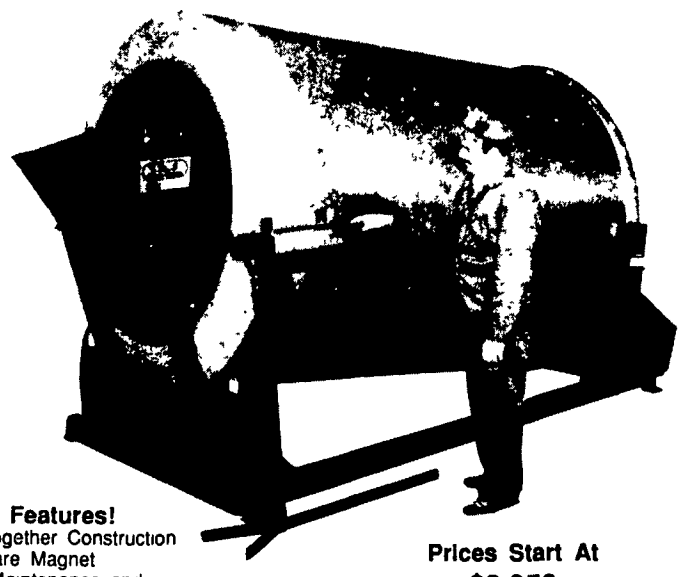
FARMASTER

TMR MIXERS - 10 SIZES!



Features!
- Bolt Together Construction
- Hardware Magnet
- Easy Maintenance and Lubrication
- Fewer Moving Parts Than Any Other Mixer
- Plastic Auger Tube Liner
- Reliable Mechanical Beam Scale System
- Standardized Component Parts

Prices Start At
$3,950
Up To $12,000 Depending On Model

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Silage Bags & Hay Bags
An economical system for making and storing excellent silage.

We Have Silage Bags and Hay Bags To Fit All Baggers at Direct Manufacturer's Prices

- LOW CAPITAL INVESTMENT
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- CONVENIENT STORAGE
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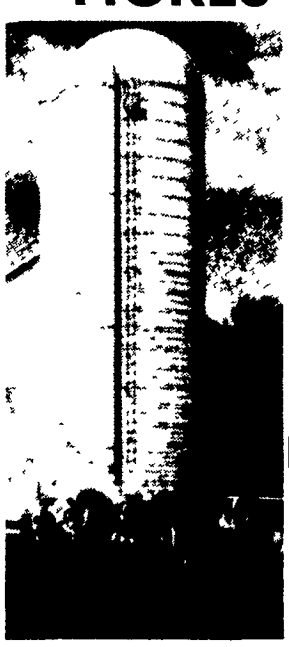
FICKES SILOS...



Dependable Reliable

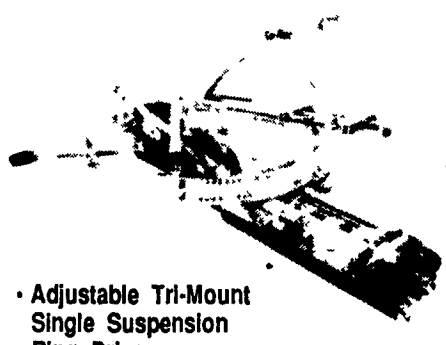
SYSTEMS THAT ASSURE CONTINUOUS SERVICE DAY AFTER DAY

FICKES SILAGEMASTER

Silo construction is not only an engineering science, it is also an art. Fickes Silos exemplify these principles, with their fine stave design and strength... durability... and manufacturer's care in building.

Silo-Matic

Silo-Matic's
GEMINI R/D
Silo Unloader



- Front and Rear Augers are different sizes. Each operates at a different speed for excellent performance.
- Superior Torque Arm with Rollers
- New Chain Design with Flow-Through Safety Grids
- Fiberglass Gooseneck with Stainless Steel Liner
- Adjustable Tri-Mount Single Suspension Ring Drive
- 26-inch Stainless Steel Rotor Housing with 4 Stainless Steel Pawls

THE UNLOADER OF THE FUTURE!

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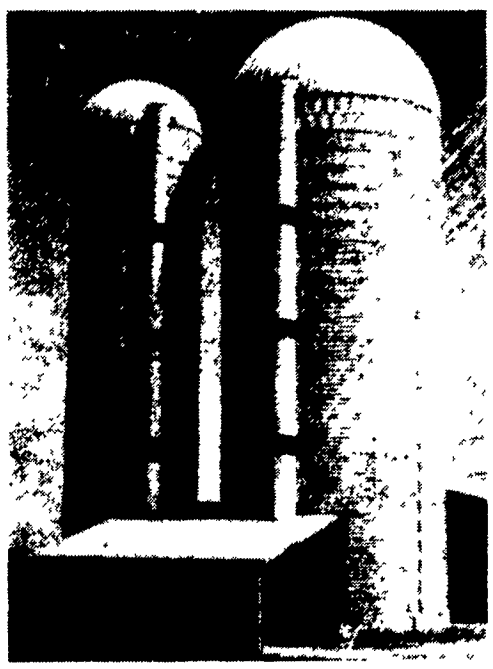
PHONE: (717) 776-3129

MADISON® SILOS



- Unique truss-beam design makes the Madison Vibra-Cor stave the thickest in the industry with twice the strength of other concrete staves.
- Madison Silos — Starline Unloaders
- Nutri-Matic® and Grain-O-Matic® Oxygen-Limiting, Bottom Unloading For Haylage And High Moisture Corn Featuring The Laidig Unloader.

LAIDIG
Best name in BOTTOM UNLOADERS
SALES & SERVICE

Now Is The Time To **GUNITE** The Interior Of Your Silo

The SOLLENBERGER SILOS "BIG JIM SYSTEM"

The Big Jim TOP UNLOAD, BOTTOM DISCHARGE silage system lets you enjoy bottom delivery without the high cost. The feed drops by gravity down a hole formed in the center of the silage. So you never have to climb a silo to change doors, you don't have to raise the unloader to fill, and you will have a clean chute because the silage or haylage doesn't drop down the chute.

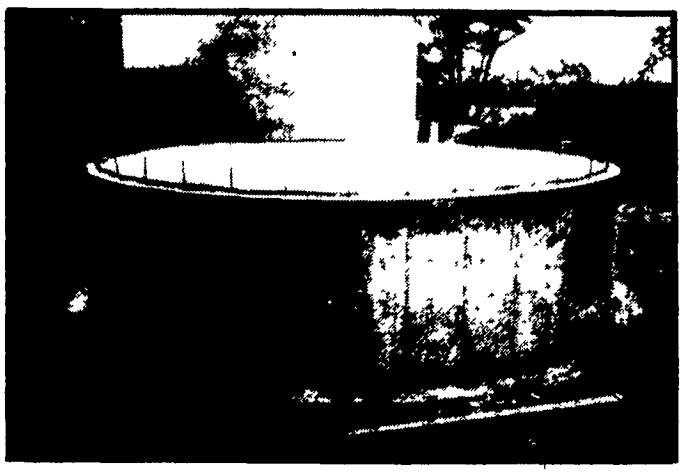
The simple design eliminates belts, pulleys, and adjustments. Since there's no need for an impeller, the full horsepower can be used more efficiently for big volume, fast feeding.

The Big Jim System is now 30 years old, and the many improvements over the years have made it a system with very low maintenance costs and long life.

Sollenberger Silos Corp. is now 80 years old, and our recent improvements on the Big Jim silo make the "Sollenberger Silos Big Jim System" something you've just got to see.

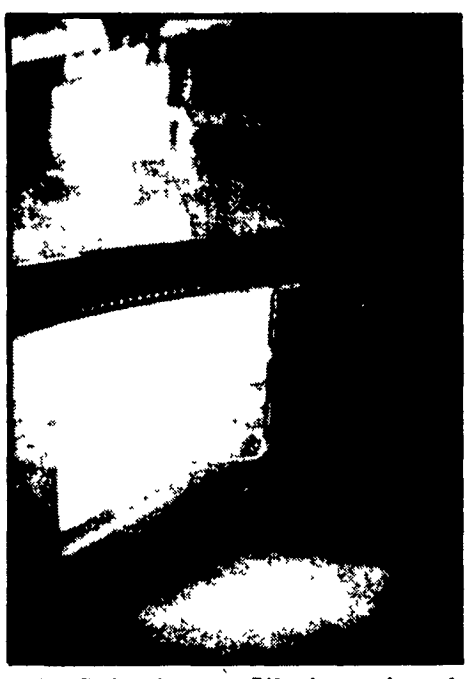
WATCH THIS SPACE FOR FIELD DAY SCHEDULES!

We will invite you to attend a field day at a couple of farms with the Big Jim silos; but until details are complete, please study the pictures, ask us for some free literature, and ask for names of farmers who have taken advantage of this "innovation in silage storage and feeding."

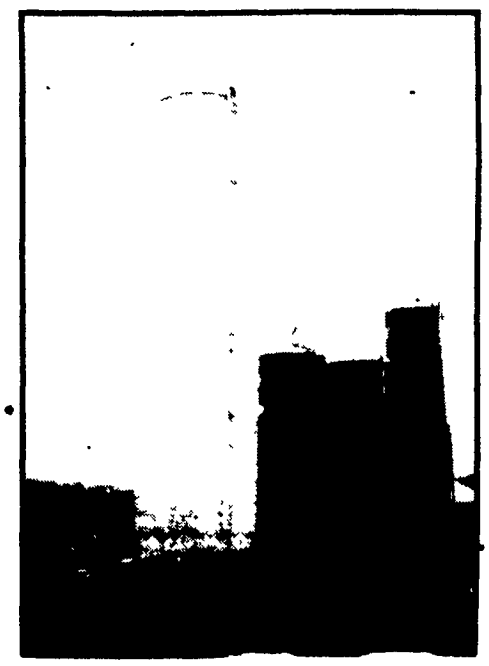


Big Jim silo base with concrete floor, 5' off the ground with easy access tunnel. The silo is then built on the base.

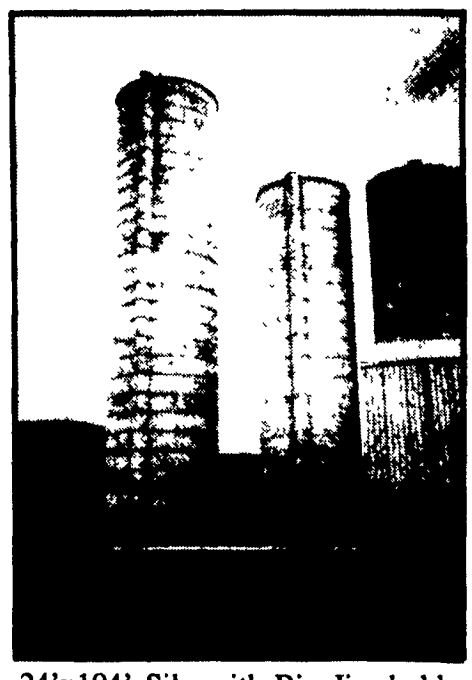
The silo wall is a full 6" thick with the base wall 12" thick. Both are heavily reinforced with horizontal and vertical steel.



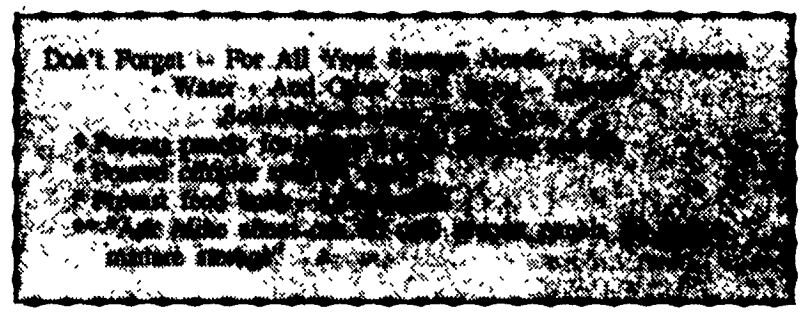
The Sollenberger Silo is equipped with double-ply redwood doors - "largest in the industry" - and hot-dipped galvanized hinges and steps, for long life and low maintenance.



30'x124' Silo with Big Jim holds over 3000 tons corn Silage.



24'x104' Silo with Big Jim holds over 1600 tons corn silage.



SOLLENBERGER SILOS CORP. IS A "TOP 25" NATIONAL JAMESWAY DEALER, HAVING ATTAINED THE $2,000,000 AWARD. CONTACT US FOR ALL YOUR JAMESWAY EQUIPMENT NEEDS.

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City/State_____
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Best Time To Call_____
County_____

Please send information on:
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- ❑ 2. Top Unloading Concrete Silos
- ❑ 3. Upright Bunker Silos
- ❑ 4. Manure Pits
- ❑ 5. Feed Bunks
- ❑ 6. Cattleguards
- ❑ 7. Hog Slats
- ❑ 8. Industrial Silos/Tanks

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A Nitterhouse Company
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SINCE BEFORE 1910

Office Number - 717-264-9588

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Bob Francis
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Evenings

For Bunker Silos & Manure Systems
Call Mike Hair
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"POLYGON" ENSILMIXER®

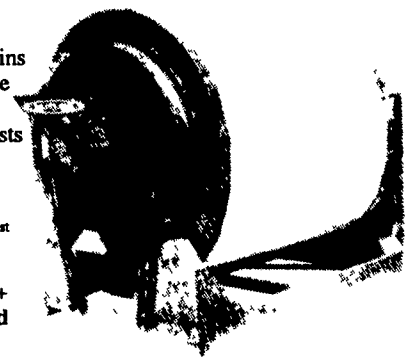
The proven management and production tool for a Total Mixed Ration (TMR) feeding program provides:

Increase milk production.
Faster weight gains
Healthier Cattle
More Profit
Lower Feed Costs

- Expensive feeds are not wasted.
- Allows you to buy supplements in bulk
- Allows use of least-cost feeds

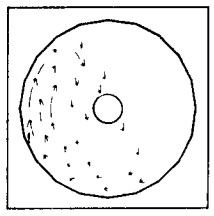
Better feed management + controlled feed program

- Precision control over rations and ration changes
- Accurate records



IN STOCK

Rapid and thorough blending and mixing



Waterfall action

The only "polygon" mixer-NOT ROUND-featuring exclusive waterfall mixing action! Superior to all other round designs

WE SPECIALIZE IN MIXER SET-UPS ON YOUR FARM

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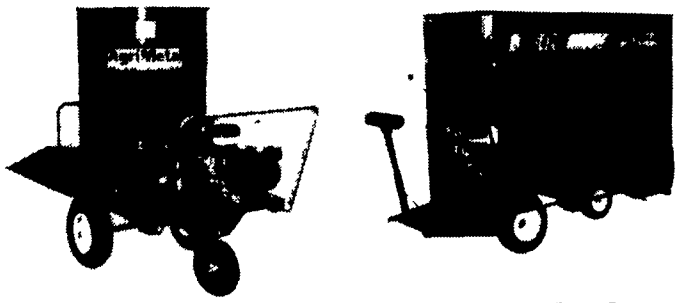
K & S INC.

Authorized Dealer

AgriMetal Products

A complete line of equipment for today's changing agricultural needs



AgriMetal Products Include:

- **Bale Choppers**
  - Electric • Gas • PTO • Stationary & Portable
- **Silage Carts**
  - Gas Powered Hydrostatic, High Discharge And Low Discharge, Auger Discharge And Conveyor Chain ischarge, Left And Right Discharge Or End Discharge, 25, 30, 42 and 60 Bushel Sizes. Grain Carts and Motorized Hay or Utility Carts
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- **Roller Mills**
- **Mechanical Barn Brooms**
- **Hammer Mills**
- **Manual Push Carts**
  - Silage - 30 Bushel
  - Grain 400 Lbs. Capacity
  - Hay Cart 12 Bales Capacity
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    6 Milking Unit Capacity
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Make haylage and ryelage without mold. Install A MAY-CO SILO LINER. Can be used in silos with or without unloaders.

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Stoltzfus Pole Barns

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24x32 Completely erected including overhead and entrance doors. Only $4,199. Many sizes and options available. Call
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Roofing/Siding: corrugated steel & aluminum Many colors. Several profiles Cut to the inch. Will deliver Quality & Service. Call Conestoga Supply, 1-800-544-9464, 717-354-2613

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Whitepine bds, siding, 2 bys cut to order Paul Yerger, Auburn, PA 17922 717-754-4661 eves

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4 Slot...$55.00

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New Factory Seconds
Doors, Windows,
Sash $1.00 & UP
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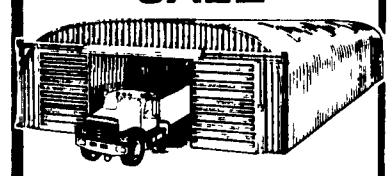
SPECIAL "S" SERIES SALE



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SAVE 30 to 60%

Example: 30 x 60 15 5 Includes Complete Building, Hardware, Caulking Weatherstripping and Door System $11,261 Retail List

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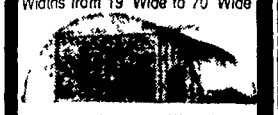
FINAL CLEARANCE
PRICES SLASHED!
Widths from 19' Wide to 70' Wide



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Crop Storage
ACT NOW! LIMITED OFFER!
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• Straighter Sides for High Equipment
• Easy to Erect! (No High Labor)

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24'x40' completely erected $4499.
Overhead and entrance doors included. Other sizes available.

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Chaparal Buildings
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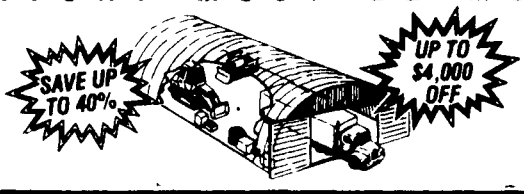

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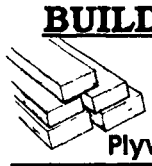

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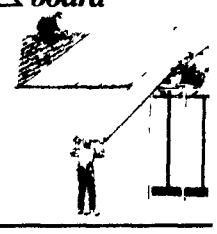

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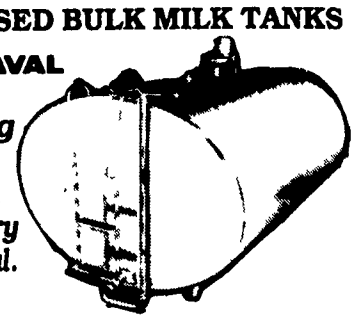

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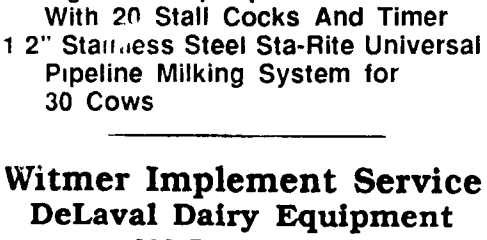

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Poly Bulk Bins available in ¾, 1½, 3½ and the new 6½ ton bins (for under $1,200)
Call for Copper Sulfate Prices For Your Foot Bath. Also Trace Mineral Salt Blocks

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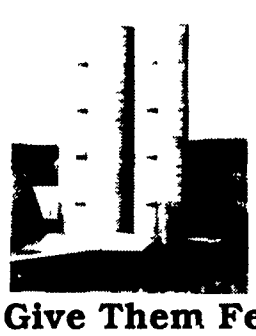
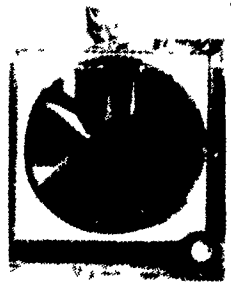


Price Increase Effective 7/18/88



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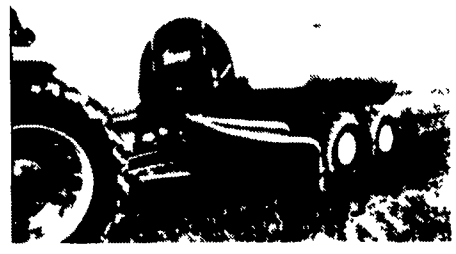

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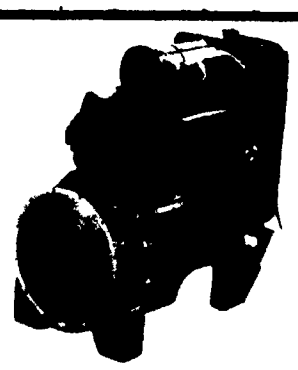

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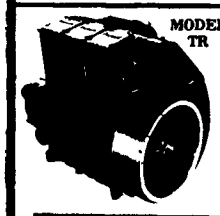

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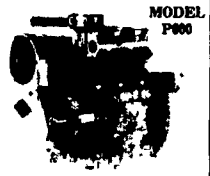

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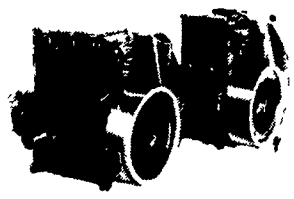

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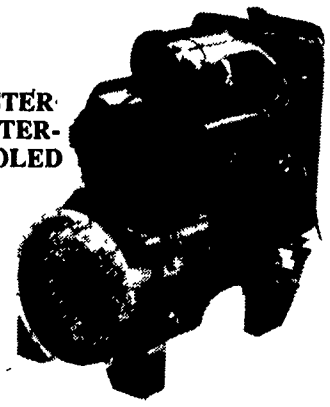

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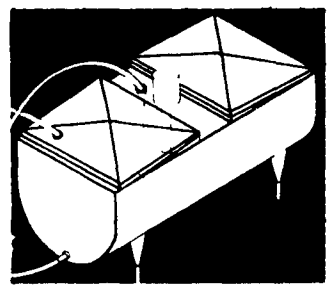

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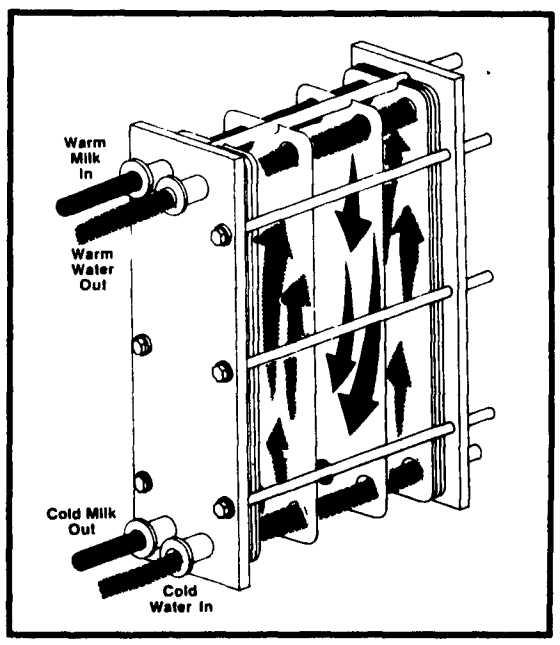

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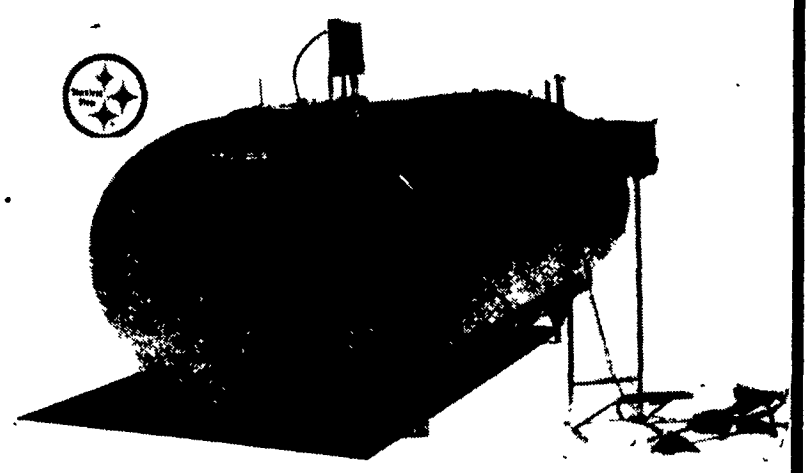

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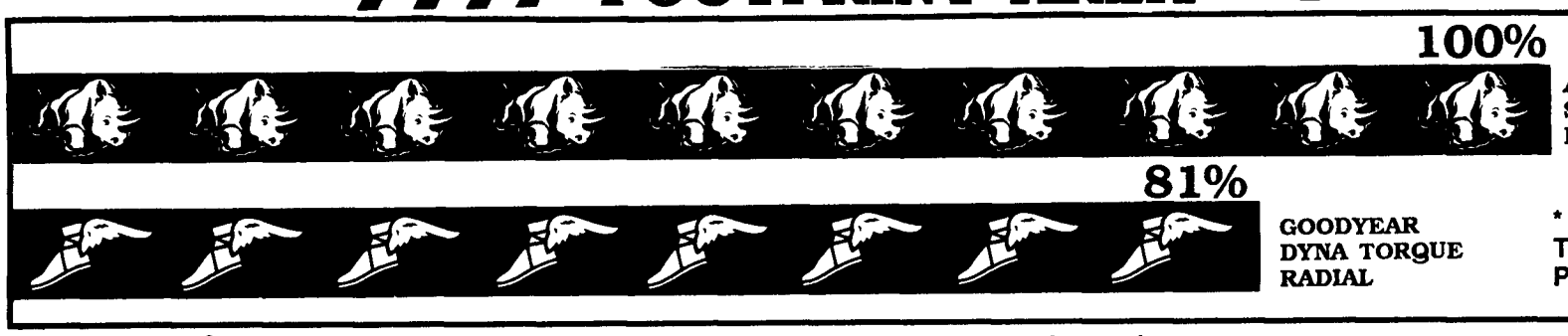

*Tire Size Tested: 18.4-38, 8 Ply Rating

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Look, I've been there. That's why I offer durable tires like Armstrong, and dependable service at competitive prices. I get the best prices and pass these savings on to you. And I guarantee we'll promptly handle any tire problem, fairly and professionally, so you can get back in the field. Whether you need tires installed, repaired or replaced — you can count on us!

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HI-POWER LUG R-1

- Tread is 11% wider than the Goodyear Dyna Torque II
- Lays down a footprint that's 11% longer and covers 24% more area than the Goodyear Dyna Torque II — that means increased traction, less slippage and more ground coverage

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11 2x24, 6 Ply	$125.00				
14 9x24, 4 Ply	$161.00				
14 9x24, 6 Ply	$180.00				
14 9x24, 8 Ply	$208.00				
16 9x24, 6 Ply	$210.00				
16 9x24, 8 Ply	$230.00				
14 9x26, 6 Ply	$185.00				
18.4x26, 6 Ply	$260.00	16 9x28, 8 Ply	$245 00	23 1x34, 8 Ply	$655 00
18.4x26, 10 Ply	$325.00	16 9x28, 10 Ply	$290.00	11.2x38, 4 Ply	$147.00
23.1x26, 8 Ply	$525.00	16 9x30, 6 Ply	$240.00	12 4x38, 4 Ply	$175.00
11.2x28, 4 Ply	$120.00	18.4x28, 6 Ply	$300.00	13 6x38, 4 Ply	$185.00
12.4x28, 4 Ply	$137.00	18 4x30, 6 Ply	$270.00	13.6x38, 6 Ply	$205.00
13.6x28, 4 Ply	$150.00	23.1x30, 8 Ply	$600.00	14.9x38, 6 Ply	$224.00
13.6x28, 6 Ply	$165.00	24.5x32, 10 Ply	$763.00	15.5x38, 6 Ply	$235.00
13.6x28, 8 Ply	$195.00	16 9x34, 6 Ply	$270.00	15 5x38, 8 Ply	$260.00
14.9x28, 4 Ply	$165.00	18.4x34, 6 Ply	$310.00	16 9x38, 6 Ply	$295.00
14.9x28, 6 Ply	$185.00	18 4x34, 8 Ply	$335.00	16 9x38, 8 Ply	$325.00
14.9x28, 8 Ply	$210.00	20 8x34, 6 Ply	$475.00	18 4x38, 6 Ply	$340.00
14 9x28, 10 Ply	$270.00	20.8x34, 8 Ply	$500.00	18 4x38, 8 Ply	$380.00
16.9x28, 6 Ply	$225.00	23.1x26, 10 Ply	$600.00	20.8x38, 8 Ply	$510.00

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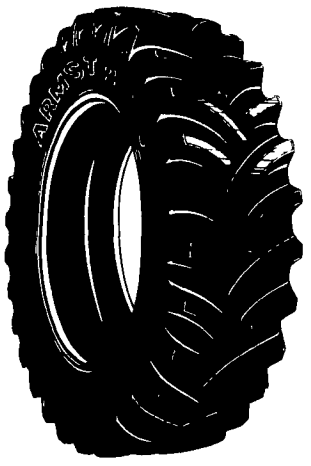
Available In Popular Sizes!

Wider Tread And Longer Bars Than The Competition

Call For Spring Special



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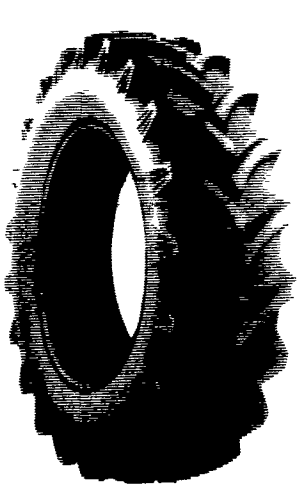
SUPER HI-POWER LUG RADIAL R-1

- Lays down 19% larger tire footprint than the Goodyear Dyna Torque Radial to work harder for you
- Increased traction means you cover more ground faster and get more efficient use of your tractor's horsepower



14.9R28 10 Ply	$325.00
16 9R28 10 Ply	$390.00
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16R38 6 Ply	$429.00
18.4R38 6 Ply	$459.00
18 4R38 8 Ply	$489.00
18 4R26 10 Ply	$449.00
20 8R34 8 Ply	$839.00
20 8R38 8 Ply	$849.00
20 8R38 10 Ply	$729.00
24 5R32, 10 Ply	$795.00
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★ 4-RIB ★

11L-15, 8 Ply	$81.00
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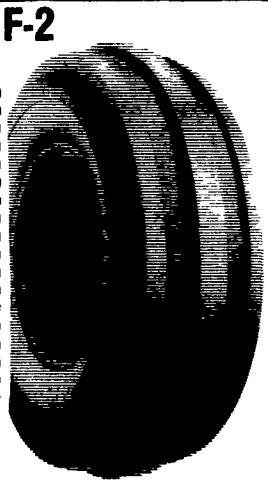
10.00-16 (TL), 6 Ply	$100.00
10 00-16 (TL), 8 Ply	$110.00
11.00-16, 6 Ply	$102.00
11.00-16 (TL), 6 Ply	$112.00
11 00-16, 8 Ply	$110.00
11.00-16 (TL), 8 Ply	$123.00
14L-16.1 (TL), 6 Ply	$180.00
14L-16.1, 8 Ply	$184.00
16.5L-16.1 (TL), 8 Ply	$250.00

★ 5-RIB ★

1100x16, 12 Ply, Tubetype	$145.00
1100x16, 12 Ply, Tubeless	$160.00

TRU-TRAC F-2

★ 3-RIB ★



400-12	$23.00
400-15	$25.00
400-19, 4 Ply	$31.00
500-15	$31.00
550-16, 4 Ply	$33.00
550-16, 6 Ply	$37.00
600-14, 6 Ply	$52.00
600-16, 4 Ply	$37.00
600-16, 6 Ply	$41.00
650-16, 6 Ply	$43.00
750L-15, 6 Ply	$50.00
750-16, 8 Ply	$54.00
750-15, 6 Ply	$50.00
750-16, 6 Ply	$64.00
750-20, 6 Ply	$80.00
9.5L-15, 6 Ply	$58.00
9.5L-15, 8 Ply	$63.00
10.00-16, 6 Ply	$81.00
11Lx15, 8 Ply	$77.00
1100-16, 8 Ply	$110.00
14L-16 1, 8 Ply	$170.00

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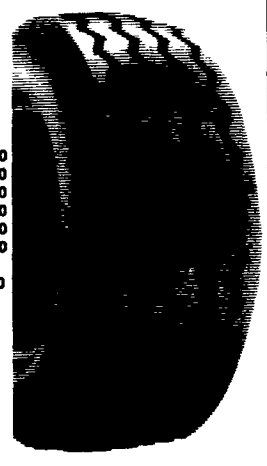
CONTRACTOR F-3



11Lx15, 8 Ply	$80.00
11Lx15, 10 Ply	$90.00
11Lx16, 8 Ply	$92.00
11Lx16, 10 Ply	$99.00
750 800x16, 10 Ply	$80.00
11Lx16, 12 Ply	$130.00
145 - 75 - 16 1, 10 Ply	$225.00

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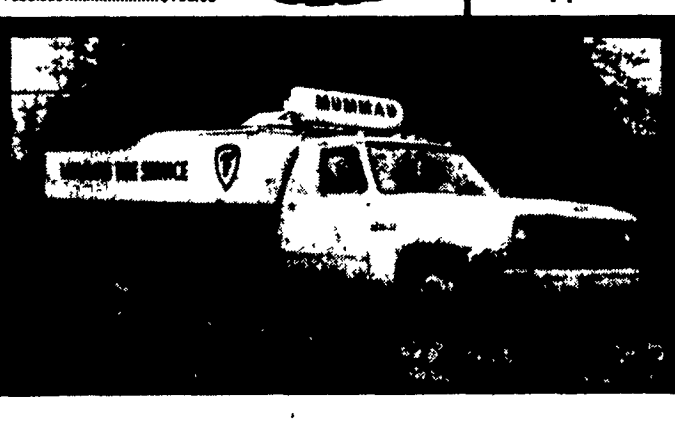
17 5Lx24, 6 Ply	$255.00
17 5x24, 8 Ply	$280.00
17 5Lx24, 10 Ply	$345.00
15 5x25, 12 Ply	$310.00
17 5Lx25, 12 Ply	$440.00
18.4x24, 8 Ply	$365.00
18 4x24, 12 Ply	$430.00
19 5Lx24, 10 Ply	$415.00
19.5Lx24, 12 Ply	$455.00
12Lx24, 12 Ply	$530.00
20 5x25, 12 Ply	$655.00
23 5x25, 12 Ply	$1,040.00
23 5x25, 16 Ply	$1,060.00

Tubetype Available - Call For Quote!

Ask For Service Quote



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Dan & Patti Hushon, sons Joseph, Jacob and Joshua (Not Pictured)

FORAGE PROGRAM
Hay
Corn Silage

GRAIN PROGRAM
Master Mix Protek and Rolled Grain
Topdress Master Mix Protek 1890's

"We started farming on our own in January of 1983. We were feeding a traditional 40% concentrate and rolled grain mix and our R.H.A. was 16,200 lbs. milk and just over 600 lbs. fat. In November of 1984 we went on the Master Mix Protek concentrate program. This program, along with better breeding and A.I. management, boosted the herd average 2400 lbs. of milk in the first year. So, by November, our R.H.A. was 18,600 lbs. milk and 671 lbs. fat."

"Then, a year and a half ago, we started topdressing the Master Mix Protek 1890's. The 1890's really help a cow milk to her genetic potential. The cows don't necessarily peak higher, but with the 1890's they hold their peaks a lot longer. They also keep their condition. The cows love the 1890's. In fact, they'll go for the 1890's before the rolled shelled corn."

We now have a R.H.A. of 20,252 lbs. milk and 715 lbs. fat. Nine cows out of 41 were milking over 100 lbs. in April. We are pleased with breeding and our 13.0 calving interval which isn't too bad considering the way they're milking. A good feeding program and good A.I. and breeding management has gotten us to the point where we are working with better cows, because we can now cull what we want to!"

JOHN BEYER - Old Phila Pike, Kinzers, PA

FORAGE PROGRAM
Hay
Corn Silage

GRAIN PROGRAM
Master Mix Protek and Ear Corn
Topdress Master Mix Protek 1890's

"We were on a high fat concentrate and ear corn mix and also feeding a high fat topdress. In December of 1987 we went to a Master Mix Protek and Ear Corn mix and started topdressing Master Mix Protek 1890's. This program, along with starting multiple grain feedings, has really shown the results. The cow's really go for the 1890 topdress pellets. In fact, they wait for them. The cows don't really peak higher, but I can't believe the way they hold their production. This past winter the cows were averaging 52 lbs. of milk with a 3.6% test. Now they are averaging 62.8 lbs. milk with 3.8% test."

"We have also seen an improvement in udder health because we're feeding less pounds of grain than on our other program. Along with all of this, the cost per ton of complete feed is lower than before so we have really seen an overall decrease in feed cost."

J. STOLTZFUS - Lititz, PA

FORAGE PROGRAM
Hay
Corn Silage

GRAIN PROGRAM
Sensenig's Flaked Feed with Whole Cottonseed and Master Mix Protek
Topdress Master Mix Protek 1890's

"We started on the Master Mix Protek program when it was first introduced. From January of 1987 to January of 1988, our RHA has gone from 17,087 lbs. milk and 600 lbs. fat to 20,239 lbs. milk and 719 lbs. fat. The cows are really peaking and holding, and the first calf heifers are doing very well. Body condition is also good. Switching to the Master Mix Protek program and making some management changes such as multiple grain feedings has really shown the results, especially in the areas of appetite and herd health. With the increase in milk I am happy at how good breeding is going.

AMOS FISHER - Gordonville, PA

FORAGE PROGRAM
35 Lbs. Corn Silage
15 Lbs. Hay

GRAIN PROGRAM
Sensenig's Flaked Feed with Whole Cottonseed and Master Mix Protek. Topdress Master Mix Protek 1890's

"We were on a ½ shelled corn and ½ ear corn mix along with a high fat concentrate. We were also topdressing a high fat topdress. In October of 1987, when we started on the full Master Mix Protek program, we were shipping 55 lbs. milk per cow per day. Today we are shipping 63 lbs. milk per cow per day and our butterfat test jumped 4 points. I am now feeding less pounds of feed with Master Mix Protek but getting better overall results than when I was on my previous program. Feed cost is now considerably lower."

"I saw a big improvement in breeding, Even though the cows are holding peaks and milking better, breeding is going very good. We were having a lot of repeats, but that has been corrected on our Master Mix Protek program. The appetites are also excellent. Cows really go for the high energy 1890's."

STEPHEN STOLTZFUS - Christiana, PA

FORAGE PROGRAM
Hay
Corn Silage

GRAIN PROGRAM
Sensenig's Flaked Feed with Whole cottonseed and Master Mix Protek
Topdress Master Mix Protek 1890's

"We were on a 36% concentrate and corn mix before going to Master Mix Protek in 1984. Since the switch, our RHA has increased over 2000 lbs. in milk and fat has gone up right along with it. We have been over 60 lbs. of milk per cow per day with a 3.7% test for the last 5 months. In my May test, we were over 70 lbs. per head per day. The cows really hold their peaks."

"Breeding is going pretty good. We were having a lot of repeats on the old program. Now when cows freshen they clean and are ready to milk and re-breed."

"The cows appetites are really good, especially with the high energy 1890's. The 1890's also help to keep high producing cows in good condition."

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Winners Named For Junior National Charolais Heifer Show

MANHATTAN, KS — The 13th Junior National Charolais Heifer Show was held on June 20 in Manhattan, Kan. American-International Junior Charolais Association (AIJCA) members from across the United States exhibited 94 head of registered Charolais.

Dr. R. Jerry Lipsey of Columbia, Mo., was the judge for the show, and he chose an entry from Michigan as the grand champion female. WC Penny 6217, exhibited by Christine Simmons of Williamston, won the prestigious title. This October 1986 daughter of WH Rambo had a show day weight of 1,530 pounds and measured 59.25 inches at the hip. The heifer posted a 2.46-pound weight per day of age.

The reserve grand champion slot was filled by a heifer led out by Kyle Schill of Donie, Texas. KDS Avy's Toot is a November 1986 daughter of Silver Creek High-Rise. Her show day weight was 1,550 pounds and her hip height was 59.25 inches. Schill also claimed the champion bred and owned title with this heifer. Toot had a 2.69-pound weight per day of age.

Mark Hecht of Paynesville, Minn., captured the reserve champion bred and owned title with Double-H Polled Pizzazz. This March 7, 1987, daughter of BR-MF Krugerrand T752 weighed 1,220 pounds on show day, measured 56.25 inches at the hip and gained a weight per day of age of 2.60 pounds.

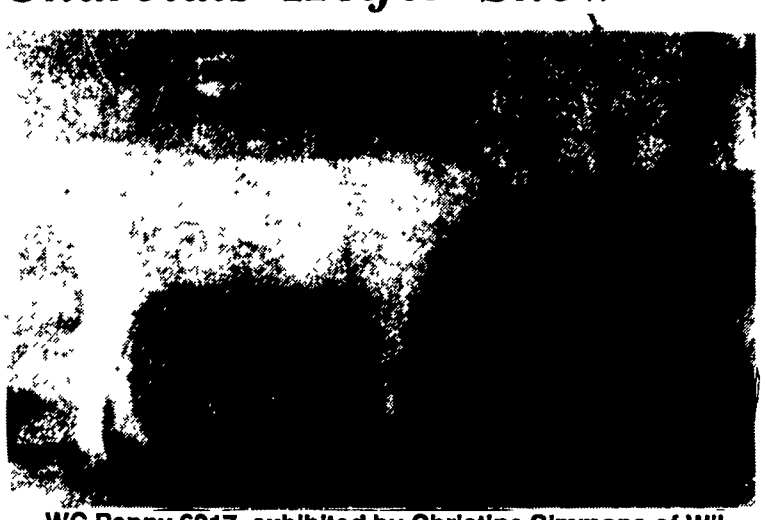
The nine class-winning heifers were exhibited by AIJCA members from seven states. The winter heifer calf class winner was AMC Dempsey's Reba exhibited by Andrea Clemons of Sparta, Tenn. WC Lady Bobbi 7173 P ET exhibited by Simmons was the senior heifer calf class winner. The late summer yearling heifer class winner was AS Maxine 7327 exhibited by Laurie Smith of Freeport, Ohio. Silver Creek Bonnie 66W exhibited by Brian Bonneson of Omaha, Ark., won the summer yearling heifer class.

The spring yearling heifer class was won by JK Miss Kacey exhibited by Mark Kelley of Mabank, Texas. Double-H Starburst Pld, exhibited by Dale Hecht of Paynesville, Minn., was the junior yearling heifer class winner. The senior yearling heifer class was won by WC Penny 6217 exhibited by Simmons. SCC Madonna 530 and her calf, SCC Skye 830, exhibited by Sharla Adams of Madisonville, Texas, were the winners of the cow/calf class. The bred and owned heifer class was won by KDS Avy's Toot exhibited by Schill.

Tough competition marked this year's showmanship contests. In the senior division, Kristi Carver of Dallas, Texas, was named champion showman, and Richard Ewing of Fordland, Mo., was chosen as reserve champion. In the junior division, Jason Cave of Celina, Texas, claimed the champion showman title and Dan Kelley of Mabank, Texas, was named the reserve champion.

Five special awards were given at the Junior National. A Texas group captured first place in the state group of three heifers competition. For the third year in a row the best state display honor was awarded to the Minnesota Junior Charolais Association. Bart Kayser of Bidwell, Ohio, was selected as Junior Herdsman of the Year. The state exhibiting the greatest number of heifers was awarded to Texas, and Paul Miller of Spring Grove, Pa., was given the honor for traveling the greatest distance to participate.

This year's show was dedicated to W. Logan Dickerson, owner of Royal Charolais Co. in Greensburg, Pa. Dickerson was chosen as the show honoree not only because he enthusiastically promotes the Charolais breed but also the AIJCA.



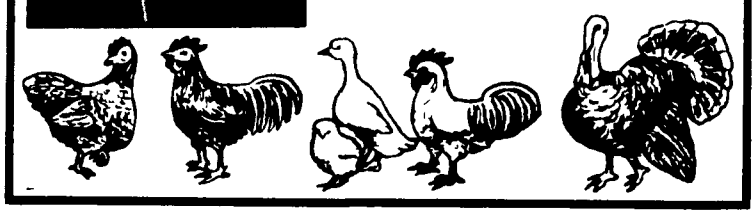
WC Penny 6217, exhibited by Christine Simmons of Williamston, Mich., was named grand champion of the show.

The show's reserve grand champion was KDS Avy's Toot, a November heifer owned by Kyle Schill of Donie, Texas.

Broiler and Turkey Talk

by
Forest Muir

Associate Professor of Poultry Science
Penn State University



LIGHT FOR BROILERS

Incandescent bulbs of 24 hour duration serve as the light source for most broilers. The advent and increased availability of energy-efficient light sources has given the broiler producer alternatives to the incandescent bulb. However, these new light sources emit different wavelengths of light than the incandescent bulb.

A research article in the January 1988 issue of the Journal of Poultry Science* compared the growth performance of broilers exposed to light from several presently available light sources. Light sources evaluated included incandescent (IN), warm white fluorescent (WWF), daylight fluorescent (DLF), PL-5 fluorescent (PLF), high pressure sodium (HPS) and low pressure sodium (LPS). The light sources and light intensities used in the study are presented in Table 1.

Table 1. Light sources and intensities used in the study.

Light Source	Wattage	Intensity (Lux)
Incandescent	25	60
Warm white fluorescent	20	53
Daylight fluorescent	20	40
PL-5 fluorescent	5	39
High pressure sodium	35	66
Low pressure sodium	35	55

The average light intensity from each source was adjusted to provide approximately 5 lux (one half footcandle). The light intensity from the incandescent bulbs was adjusted by rheostats and the intensity from the other sources was controlled by mounting location and baffles. The warm white and daylight fluorescent bulbs were the conventional long tube type bulbs. The PL-5 fluorescent bulb was the type with the ballast that screwed directly into an incandescent socket.

Equal numbers of male and female broiler chicks were placed in floor pens and provided with continuous light for the first 2 days. Thereafter, 23 hours of light and 1 hour of dark per day were provided. The various light source treatment groups were separated by black tar paper partitions and light-tight doorways. The broilers were reared on a typical starter, developer and finisher feed program.

The 46 day body weight, mortality and feed conversion for the broilers exposed to the various light sources are presented in Table 2.

Table 2. Average 46 day broiler performance

Light Source	Body wt (lbs)	Mortality %	Feed Conversion
IN	4.66	3.5	1.89
WWF	4.66	2.3	1.89
DLF	4.78	1.9	1.88
PLF	4.69	4.7	1.90
HPS	4.63	3.5	1.87
LPS	4.72	4.1	1.91

Although there were numerical differences among treatments in average body weight and mortality, these differences were not statistically significant. The feed conversion for the HPS treatment was statistically superior to that of the PLF and LPS treatments. No other differences were found in feed conversion values. The results of this research demonstrated that the more energy-efficient light sources could replace incandescent light without adverse effects on broiler performance.

* Reference: Zimmerman, N.G., 1988. Broiler performance when reared under various light sources. Poultry Sci. 67:43-51.

Pork Checkoff To Provide $350,000 In Research Funding

DES MOINES, IA — The 100 percent pork producers' checkoff will provide $350,000 in seed money during the coming year for vital research projects aimed at prevention and treatment of hog diseases as well as improving the pork that consumers buy.

Each year a committee of pork producers and researchers selected from across the nation take a look at priorities for funding as determined through polling of a random sample of producers and through the discussions of a producer policy development group. Project proposals submitted by the nation's leading researchers are judged by the special committee on their feasibility, their scientific merit, and how they fit into the priorities established by pork producers.

Since 1971, when the program started, more than $2.5 million in producer checkoff funds have been invested in approximately 350 separate research projects. In most cases, producer funding is enhanced by additional funding from other sources, so that the total impact is much greater than the initial production grant.

In 1988-89, 28 separate research projects will receive seed money from producer checkoff funds, according to Dr. David Meeker, director of research and education for the National Pork Producers Council. The projects range from "The Role of PRV in Enhancing Susceptibility to Respiratory Diseases in Growing and Finishing Pigs," to "Improving the Nutritional Value of Pork through Lipid Metabolism Innovations" and "A, Evaluation of Gestation Housing Systems, Animal Care and Environmental Management."

Dr. Meeker said, "The funding of needed research is one of the most important ways producer checkoff funds can be spent because it can lead to more efficient production methods and leaner, more nutritious pork for the consumer."

Goat Field Day Announced

MANHEIM (Lancaster) — The Dutch Country Goat Field Day will be held Saturday, July 9 from 1:00 to 4:00 p.m. near Manheim. The public is invited.

It will be held at Jacob Fisher's Windy Hill Goat Dairy, located southeast of Manheim on Bucknoll Road, about 1 mile east of Route 72.

Lynn Sammons of the Willow Creek Veterinary Clinic in Leesport will present information on the "Summer Care of Goats." Other information and handouts will also be available. Creutzburg Supply will have an exhibit on goat products. Visitors will also have an opportunity to tour Windy Hill Goat Dairy.

Injecting Vaccines In Eggs

The development of an in-ovo vaccine which might be used with an automated egg injection system is the object of what is believed to be the first federal-private agreement reached by the United States Department of Agriculture under the 1986 Technology Transfer Act.

In July 1987, the USDA and Embrex, Inc., began collaborative research to combine the USDA's coccidiosis vaccine technology with the privately-held biotechnology company's egg injection system which is designed to vaccinate chickens before they hatch. "Although it is too early for any definitive results, early indications are encouraging," said Dr. Michael Ruff, research leader at USDA's Beltsville research center.

Embrex, located at Research Triangle Park, North Carolina, is developing a high-speed automated egg injection system for in-ovo administration of vaccines, growth stimulants and other health-related products. The company says several related products for use in adult birds are also under development.

Reprinted from the May 1988 "Egg Industry."

FORAGE BLOWERS
WHY YOUR NEXT ONE WILL BE A 600....

Ever Wonder why nearly every Silo you see has a Case IH blower next to it?? Here are a few reasons:

1. Reversible outer ring with a 2nd plate of steel welded in areas of highest wear.
2. Automatic air inlet (located under PTO shield) that adjusts air intake when those large slugs of forage feed into the blower. (Reduces plugs)
3. Both gauge wheels can be adjusted at the silo by a hand crank to level the blower.
4. Forage enters the blower at a 30° angle vs 90° on many competitive units. This reduces the need for the crop to change directions and reduces horsepower.
5. 8 - Cupped paddles throw the forage towards the center of the pipe as it travels upward. This reduces friction between the forage and the pipe, thus increasing capacity and reducing horsepower needs.
6. When forage enters our 60" rotor, an inside back sheet rotates with the paddles so the forage doesn't hit a stationary surface: result is less horsepower.
7. Our blower weighs over 1600 lbs.!! Compare this to other models weighing half as much. This weight means added strength and more years of efficient operation.

Many more advantages await you such as our low profile, extended length hopper for easy wagon pull in.
We invite you to visit with your neighbor who very likely owns a 600 or better yet, see your local Case IH dealer!!
Case IH 600 -- the investment that doesn't blow your money....

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Methods To Improve The Lean Yield Of Lambs

DENVER, Co. — "We have the opportunity to lay claim to the top 1 percent of the world lamb market, making sure that we continue to have the best product in the world with total concern for muscling as well as fat cover," said Rodger Wasson, executive director of the American Sheep Producers Council.

Although the U.S. produces only 1 percent of the world lamb supply, the product is known for the largest loin chops and most desirable flavor in the world. The industry must build on those strengths, according to Wasson.

"Methods to Improve the Lean Yield of Lambs" was presented by the NC-111 Technical Committee for Increased Efficiency of Sheep Production and the Sheep Industry Development program. This symposium was held in conjunction with the annual meetings of SID and NC-111. The lean lamb symposium was held June 15, 1988 at Stapleton Plaza Hotel, Denver, Colo.

Wasson also explained the necessity of incorporating a Japanese-style industrial policy into the U.S. sheep industry where trade associations, the processing industry, government and research pull together to aggressively address the areas that need improvement. Quality is the key to increasing U.S. world market share.

R.A. Bowling of ConAgra, Greeley, Colo., addressed the primary industry objective, to ensure marketing of leaner lambs. "Lambs are town-dog fat," says Bowling. "Our industry must implement a new and more accurate pricing system." Monfort, a division of ConAgra, has plans to implement a cutability evaluation system that will allow lambs to be bought on their true value.

"Lean growth is not necessarily related to the composition growth," reported Gary L. Bennett of the Meat Animal Research Center, Clay Center, Neb. Along the same lines Steven Nissen of Iowa State University, Ames, Iowa, discussed growth promoting affects of Ketoisocaproate. It can decrease both internal and external fat by 20 to 40 percent.

Current research is being conducted on to real-time ultrasonic scanner techniques. This allows the carcass to be evaluated at the point of slaughter. This technique gives the percentage of lean yield cuts and takes less than seven seconds per carcass, reported R. Stouffer of Cornell University, Ithaca, N.Y.

Joan H. Eisemann of the Meat Animal Research Center, Clay Center, Neb., discussed Beta Agonist, Clenbuterol and Cimaterol, which can increase protein deposition, and in turn increase muscle mass. The results of using these compounds are a 10 percent increase in dressing percent, a 20 percent decrease in carcass fat and some problems with meat tenderness.

Use of various growth promotents such as Synovex, Compudose, TBA, Ralgro, which is currently in use, and multiple combinations of these products are becoming more clearly understood, reported Harold W. Harpster of Pennsylvania State University, University Park, Penn. Work with a Growth Hormone has shown a 40 percent increase in feed efficiency. Administrating Growth Hormone also seems to dramatically increase growth in some non-carcass tissues.

The possibility of including Omega-3 fatty acids, found in fish oil, is being discussed. M.M. Mathias, of Colorado State University, Fort Collins, Colo., discussed the human health implications in lamb carcasses.

M.B. Solomon of Beltsville Agricultural Research Center, Beltsville, Md., discussed ratios of muscle fiber types that can be utilized to evaluate optimum slaughter potential. The type of breed, sex and diet can influence the fiber type ratio.

C.F. Parker of Ohio State University, Columbus, Ohio, summarized the symposium by stating that less than 20 percent of U.S. slaughter lambs can be catagorized as lean. The tools to make improvements are available to the industry but goals need to be set. One of the goals should include 200 pounds of lean lamb sold per ewe per year.

Parker also placed emphasis on industry needs to correlate breeding schemes and feeding systems for the sheep industry. Technology is available for producers to accomplish these goals if the trade can reward the production of lean lamb.

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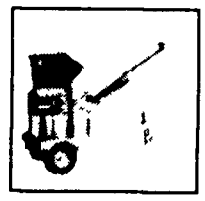

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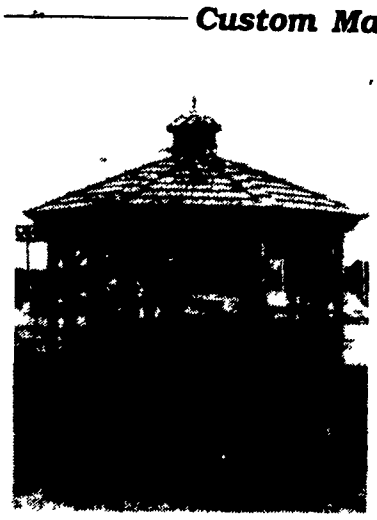

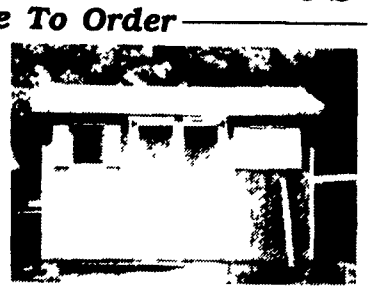

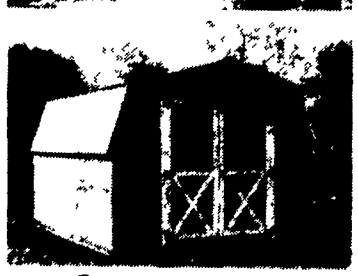

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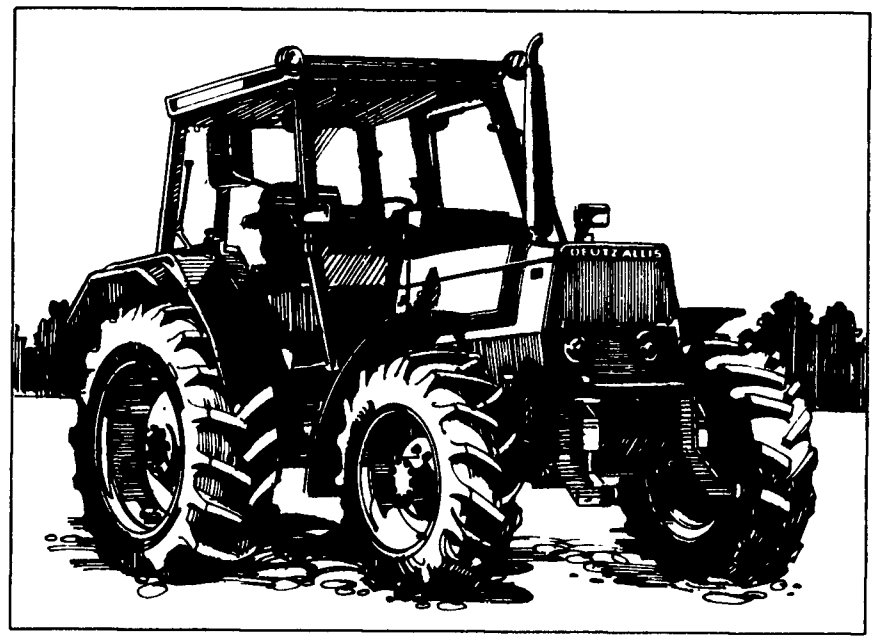

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PA Junior Angus Association Holds Meeting

LANCASTER — The Pennsylvania Junior Angus Association held a meeting on April 17, 1988 at the Lancaster Farm and Home Center. The meeting was called to order by President, Fritz Frey. Several new members were present at that meeting.

It was decided that a pool party at the Holiday Inn would be a special activity for the juniors attending the PA Breeder's Show in Center Hall. This activity will be held Friday, July 8, 1988. Further details will be available at show.

It was suggested the new adult advisor members be chosen to coordinate the junior activities. Advisors from different sections of the state will be chosen so we can have representation throughout the state.

The president asked for a committee to be formed to work on a display for the Pennsylvania Junior Angus Association to exhibit at future shows. The committee fathers will gather information to display and promote the 1989 Eastern Regional Junior Angus Show in Pennsylvania.

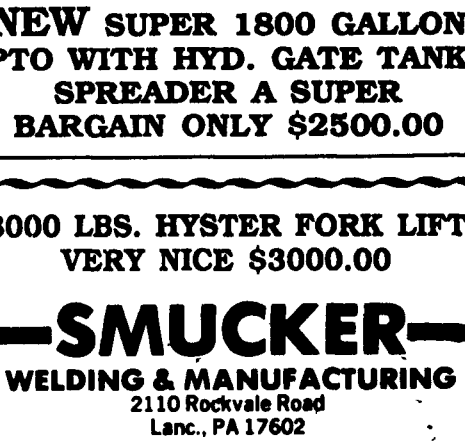
Delegates to the National Junior Angus Show in Springfield Missouri were elected. They are Lori Cash, Cathy Shive and an alternate delegate Bill Dean.

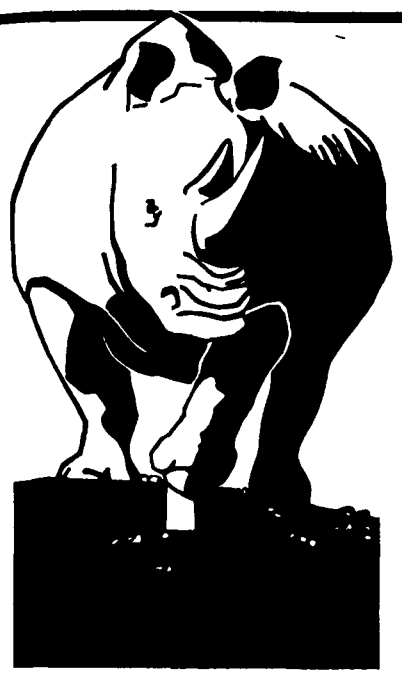
It was suggested that the Junior Angus Association donate $250 to assist the Atlantic National Angus Show. Joe Calderazzo asked that they lend physical help to clean up. A motion was made to donate the $250 and also help clean up during the show.

A motion was made to sponsor the Champion Cow/Calf class at the Pennsylvania Breeder's Show. It was seconded and passed unanimously.

New Livestock Pest Control

Terminator insecticide Cattle Ear Tags have recently been granted a federal label by the Environmental Protection Agency. These tags are registered for use on beef and non-lactating dairy cattle for the control of horn flies and as an aid in the control of face flies.





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Adhesive Putty Offered By Abatron

GILBERTS, IL — Abatron, Inc. announces that Metalfix P, a heavy-duty, aluminum-filled structural adhesive putty is now available. Metalfix P is a two-part "metal-plastics alloy", and ideal for permanent structural bonding, patching, and resurfacing and filling of metallic, ceramic glass and other rigid surfaces.

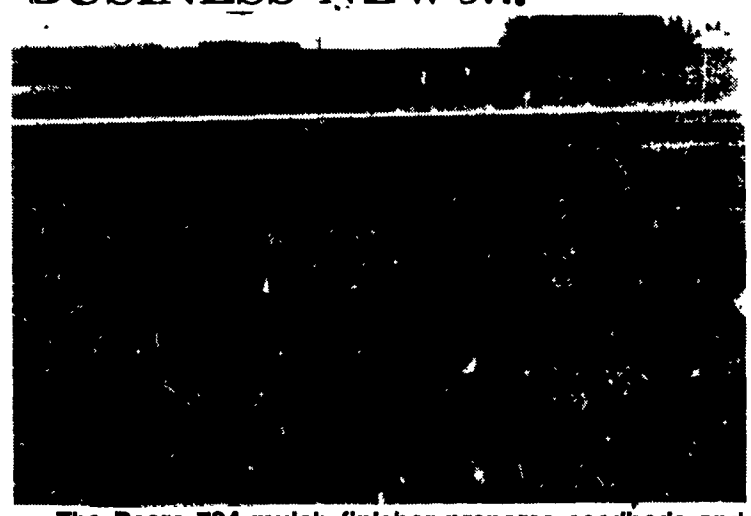
This heavy-duty aluminum-filled structural adhesive is ideal for permanent structural bonding, patching, resurfacing, and filling of metallic, ceramic glass, and other rigid surfaces.

Typical applications include repairing patterns and castings, maintenance of tanks and pipelines, restoring shipdecks, bulkheads and railings, and repairing metal furniture, engines and transformers.

Foremost among the numerous advantages of Metalfix P are its unmatched adhesion and forming of a permanent structural bond, high-impact and wear resistance, machinability, and high resistance to most solvents and chemicals.

Metalfix P is packaged in 1- and 3-pound premeasured kits as well as larger quantities.

Technical data sheets may be obtained by contacting ABATRON, INC., 33 Center Dr., Gilberts, Illinois 60136, tele.: 312/426-2200, fax 312/426-5966.



The Deere 724 mulch finisher prepares seedbeds and incorporates chemicals in one pass. The 724, designed as a secondary tillage tool for use in fields with moderate to heavy residue, is available in rigid, rigid fold, and flexible fold.

Deere Introduces New Mulch Finisher For Single-Pass Operation

MOLINE, IL — John Deere's new 724 mulch finisher prepares seedbeds and incorporates chemicals in one pass. The 724, replacing the 722 model, is designed as a secondary tillage tool for use in fields with moderate to heavy residue.

The 724 is available in rigid (12 feet 8 inches and 15 feet 4 inches), rigid fold (19 feet 4 inches), and flexible fold (24 feet 8 inches and 30 feet). Mainframe features 2x4 inch side frame members, 3x3 inch cross members, and 4x4 inch structural frame members.

Disk gangs, featuring 7¼ -inch spacing for good chemical incorporation, have 18-inch spherical disk blades. Gangs also feature a 16-inch tapered blade on the inside and outside to feather the soil being moved inward, which reduces the 724's sensitivity to adjustment. Gang depth may be adjusted from a position even with the tip of the sweeps to a position 2 inches above the sweeps.

Shanks, spaced on 8-inch centers, feature replaceable split-tension bushings. Replacing the bushing allows the shank to be renewed after considerable use. Shank trip force has been increased from 85 to 110 pounds with a trip height of 10 inches.

A five-bar, tine-tooth harrow in base equipment provides good soil mixture for chemical incorporation. Tines, 16 inches long with a 30-degree bend 4 inches above soil entry, allow residue to pass through freely and improve the stirring action. A new pivot lets the complete harrow flex up to prevent bottoming out. An optional spike-tooth harrow is available for conditions where clods are a problem.

Single-point hydraulic depth control, in base equipment, allows a single adjustment from the front of the machine. The hydraulic depth control prevents loss or breakage of mechanical depth stops

The M-F 910 row crop cultivator comes in several widths. Its rugged tubular tool bar provides a solid foundation for all widths.

Massey-Ferguson Presents New Tillage Implements

DES MOINES, IOWA — Fifteen new implements designed to meet farmers' spring and fall tillage equipment needs are now available from Massey-Ferguson dealers.

The new implements include rugged disc harrows, 4 feet 4 inches to 32 feet 2 inches; chisel plows, 5 feet to 19 feet, for fall and spring work and cutting heavy trash and stalks; and special-purpose cultivators - Row Crop, Danish Tine, Conservation - ideal for ridge till farming, and Incorporator for preparing a seedbed or incorporating chemicals.

"These new tillage implements added to our current product line give farmers a complete choice of spring and fall tillage tools to match the 16 to 130 horsepower range of Massey-Ferguson tractors," said Bob Beaman, Product Marketing Manager for Massey-Ferguson implements.

Massey-Ferguson is the western world's largest manufacturer of tractors.

Tandem Disc Harrows

For rugged disc harrows you can't beat Massey-Ferguson's four new units in "mid-range" cutting widths. The M-F 305, M-F 306, and M-F 415, with cutting widths from 4 feet 4 inches to 7 feet 7 inches, mount with the Category I hitch, have gang angle adjustments from 5 to 20 degrees, and their triple-lipped sealed ball bearings assure long-life.

The M-F 420 tandem disc harrow, available in cutting widths from 7 feet 11 inches to 12 feet 10 inches, features a Category II mount, heavy angle iron frame, 7½ inches to 9 inches or combination disc spacing, and self-aligning sealed, regreaseable ball bearings.

Folding Tandem Disc Harrows

The M-F 530 Flat Fold Wing Tandem Harrow is available in cutting widths from 9 feet 8 inches to 19 feet 9 inches and transport widths from 10 feet 8 inches to 14 feet. Hydraulically controlled flat fold wings feature spring rod leveling adjustment -- you get maximum penetration in hard, rough soil conditions.

Two new flexible wheel tandem harrows, the M-F 550 and M-F 480, come in cutting widths from 25 feet to 32 feet 2 inches and transport widths of 12 feet 9 inches and 14 feet 6 inches. The floating wings are hydraulically controlled, and a spring rod leveling adjustment makes it easy to adjust the harrow to match tractor drawbar height.

Big production farming requires rugged, hard-working equipment like the new M-F 650 Heavy-Duty Leveling Offset Harrow available in cutting widths from 8 feet 9 inches to 17 feet 11 inches. The main frame is constructed of heavy wall tubing, and 14 feet and larger sizes have dual main frames. Split gang construction eliminates axle stretch.

Chisel Plows

New Massey-Ferguson chisel plows are ideal for working in both the fall and spring. The M-F 710 Chisel Plow (mounted) 5 feet to 15 feet, and the M-F 730 Chisel Plow (pull-type) 10 feet to 19 feet are plows for all seasons with heat-treated shanks that can be spring cushioned or rigid. The M-F 740 "Trasheater" Chisel Plow, available in cutting widths from 6 feet 7 inches to 12 feet, has disc coulters for cutting heavy trash and stalks.

Cultivators

Whether you have planted your row crops in fully-tilled soil or straight into last year's residue, Massey-Ferguson's new row-crop cultivators will keep down the unwanted growth and aerate the young crop's roots.

The M-F 910 Row Crop Cultivator in 4-, 6-, 8- and 12-row models meets farmers' needs for narrow or wide row crops. The rugged tubular tool bar provides a solid foundation for all lengths, including hydraulically-controlled folding units

The M-F 930 Danish-Tine Row Crop Cultivator with danish tines and rolling shields will do the job in 4 to 12 rows of normally prepared soil Gangs adjust to row width, and the fully adjustable, high speed rolling shields allow faster cultivation of small crops.

The M-F 950 Conservation Row Crop Cultivator is designed for efficient one-trip seedbed preparation and chemical incorporation - the ideal cultivator for ridge till farming. There are 4-, 6-, 8-, 10- and 12-row models with 20 to 40 inch spacing.

The M-F 870 Cultivator horsepower is ideal for preparing a seedbed or incorporating chemicals It is available in working widths from 10 feet 4 inches to 19 feet and uses ultra-high vibration tines for complete chemical incorporation and smooth seedbed preparation.

Wertman Elected Chairman Of ASTA's Farm Seed Division

HALL, NY — Donald Wertman, Seedway's CEO was elected chairman of the Farm Seed Division of the American Seed Trade Association during the association's recent convention in Seattle, Washington.

Wertman will preside over the seed industry's "Farm Seed Conference" held in Kansas City this November. Dr. Lamartine Hood, Dean of the College of Agriculture at Penn State and former director of Cornell University's Geneva, New York Experiment Station, will be program chairman for the Conference.

The culmination of Wertman's chairmanship will occur next June at the American Seed Trade Association annual convention in Washington, D.C.

Donal Wertman

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H & S	180,220	$311 51	$394 32	$417 98
H & S	235	$309 51	$392 32	$415 98
H & S	270	$383 27	$467 40	$509 47
H & S	295	$383 32	$467 46	$509 53
H & S	370	$448 31	$546 72	$595 92
Huebner		$308 98	$376 80	$410 71
Int Harv	101,102,103	$293 18	$371 08	$393 34
Int Harv	125,130	$243 83	$308 64	$327 16
Int Harv	150,155,160	$276 58	$350 10	$371 11
Int Harv	175	$311 51	$394 32	$417 98
Int Harv	320	$296 66	$375 52	$397 73
Int Harv	530	$248 44	$314 48	$415 11
Int Harv	540	$280 29	$354 80	$468 34
Int. Harv	550,555	$334.82	$424 36	$560 80
Int Harv	570	$267 32	$326 00	$355 34
Int Harv	575	$269 32	$328 00	$357 34
Int Harv	580	$298 11	$377 36	$400 00
Int Harv	595	$345 06	$420 80	$458 67
Jadco		$244 94	$308 00	$327 97
John Deere	33	$255 72	$336 48	$346 57
John Deere	34	$256 59	$324 80	$428 74
John Deere	40	$274 92	$348 00	$459 36
John Deere	44	—	$347 44	$378 71
John Deere	54	—	$478 00	—
		(includes 2 sprockets)		
John Deere	660	$373 21	$455 14	$598 40
John Deere	680	$350 04	$426 88	$576 29
Kasten	135	$277 59	$338 52	$368 99
Kasten	175	$313 01	$381 72	$416 07
Kasten	250 250T	$395 27	$428 04	$525 42
Kasten	270	$370 18	$451 44	$492 07
Kasten	325,400	$455 76	$555 80	$605 82
Kelly Ryan	150	$364 54	$444 56	$484 55
Knight	66	$241 60	$294 64	$321 16
Knight	88	$294 32	$372 56	$394 91
Knight	115	$243 84	$308 96	$327 52
Knight	135,140	$281 80	$356 84	$378 66
Knight	180	$298 65	$378 04	$400 72
Knight	195	$319 16	$404 00	$428.24
Knight	235	$371 10	$452 56	$452 56
Knight	250,252	$373 20	$455 12	$496 08
Knight	300	$415 41	$506 60	$552 19
Knight	350 need 2	$284 34	$346 76	$377 97
Knight	410 need 2	$325 20	$396 58	$432.27
Knight	500, 510 need 2	$338 97	$413 38	$450 58
Knight	650 need 2	$402 60	$490 98	$535.17
Lundell		$300 51	$366 48	$399 46
Massey Ferg	18,20	$247 14	$312 84	$331 57
Massey Ferg	110,130	$238 44	$301 82	$319 93
Massey Ferg	160	$275 57	$348 82	$369 75
Massey Ferg	205	$349 83	$442 82	$469 39
Massey Ferg	721	$320 60	$405 82	$430 17
Massey Ferg	724	$373 17	$454 86	$494 71
Massey Ferg	727	$410 02	$500 02	$545 00
Miller	235	$349 29	$425 96	$464 30
Miller	295,350	$411 90	$502 32	$547 53
Minne	110	$247 14	$312 84	$331 61
Moline				
Meyers	M125A	—	$378 90	—
Meyers	M145A	—	$428 02	—
Meyers	M160A	—	$485 62	—
Meyers	M190A	—	$579 24	—
Meyers	M225A M300A	—	$596 16	—
Meyers	M350A	—	$659 48	—
Minnesota	220	$445 47	$543 26	$592 15
New Holland	200,202,220,221, 222	$247 14	$312 84	$331 57
New Holland	212 213	$206 47	$261 36	$277 04
New Holland	300,325 327,328 329	$259 49	$323 96	$343 40
New Holland	330 331,335,336	$259 49	$323 96	$343 40
New Holland	470,475	$380 81	$482 04	$510 96
New Holland	510,511 512	$272 64	$345 12	$365 83
New Holland	513 514	$280 50	$355 06	$421 81
New Holland	516 517,518	$329 18	$416 68	$495 02
New Holland	519,520	$280 50	$355 06	$421 81
New Holland	675,676,677	$443 63	$541 06	$657 39
New Holland	679,680	$455 03	$554 92	$674.22
New Holland	790,791	$504 82	$615.64	$789 00
New Holland	795 need 2	$348 60	$425 12	$505.45
New Holland	800 need 2	$354 37	$432 16	$525 07
NH Dble Slatted	510,511,512	$406 46	$497 37	$455 40
NH Dble Slatted	513,514	$427 07	$503 67	$503 67
NH Dble Slatted	516,517,518	$491 20	$579 30	$550 33
NH Dble Slatted	519,520	$516 80	$609 50	$609 50
NH Dble Slatted	675,676,677	$637 89	$752 30	$752 30
NH Dble Slatted	679,680	$670.27	$790 50	$790 50
New Idea	211	$205 97	$260 72	$309 73
New Idea	212	$255.14	$322 96	$374 95
New Idea	213,217	$308 67	$390 72	$464.17
New Idea	214	$362 96	$442 64	$525 85
New Idea	218,244	$410 25	$500 28	$594 00
New Idea	224,245	$472 78	$576 56	$684 95
New Idea	243	$310 03	$392 44	$415 99
New Idea	351,351A	$257 14	$324 96	$344 34
New Idea	351B	$310 67	$392 72	$416 16
New Idea	352	$317 71	$402 16	$426 12
New Idea	353	$469 24	$572 24	$623 74
New Idea	354	$488 10	$595 24	$648 81
New Idea	355	$365 51	$445 74	$494 29
New Idea	360,3615	$252 23	$319 28	$338 44
New Idea	361,3618	$294 70	$373 04	$395 42
New Idea	362,3622	$317 96	$402 48	$426 63
New Idea	363,3632	$469 24	$572 24	$623 74
New Idea	364,3639	$488 10	$595 24	$648 81
Oliver	590	$329 21	$401 48	$437 61
Patz	181	$313 19	$396 44	$420.23
Patz	350	$453 57	$533 14	$602 92
Schultz	160,2120 40 212 5 30	$288 89	$365 66	$487 62

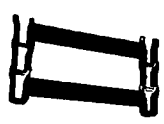
FORAGE BOX CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE STEEL DETACH	APRON PRICE PINTLE CHAIN	PRICE STEEL DETACH CROSS-CONVEY-OR CHAIN	PRICE PINTLE CROSS CONVEY-OR CHAIN
A C		POR	POR	POR	POR
Artsway	17142 0	321 18	358 27	POR	POR
Badger	BN23 16	297 65	332 02	118 74	202 12
Badger	BN23 18	336 83	375 71	167 94	289 12
Badger	BN950 14	297 65	332.02	102 58	177 47
Badger	BN950 16'	336 83	375 71	140 45	242 99
Balzer	5014	297.00	331.28	POR	POR
Balzer	7018	POR	POR	125 43	216 99
Balzer	6514	250 03	278 90	171 02	190 76
Balzer	6516	POR	POR	POR	POR
Balzer	6518	POR	POR	POR	POR
Balzer	6520	POR	POR	POR	POR
Cobey	51	POR	POR	138 62	239 82
Cobey	5000	POR	POR	122 70	212 27
Cobey	5000 w/ext	POR	POR	168 65	291 76
Danco	14'	291 01	324 60	104 50	180 01
Danco	16'	330 67	368 85	POR	POR
Dion	14'	291 04	324 60	104 50	180 01
Dion	16'	330.67	368 85	POR	POR
E Z	714,716	POR	POR	98 37	170.18
E Z	714,716 w/ext.	POR	POR	148 06	256 15
Forage King	14'	289.22	322 61	POR	POR
Forage King	16'	328 61	366.53	POR	POR
Fox	625	318 09	354 80	122 70	212 27
Gehl	80,81,82 83,84,86	282 47	308 59	125 01	216 27
Gehl	610,620,630, 640, 14'	285 74	318 73	POR	POR
Gehl	610,620,630, 640, 16'	324 07	361 47	POR	POR
Gehl	700,710,810, 910,920,940 960, 14'	295.20	329 27	104 98	181 82
Gehl	910,920,940, 960, 16'	334 79	373 44	138 78	240 09
Gehl	960 18'	374 56	417.80	POR	POR
Gehl	970 14'	287 42	320 59	POR	POR
Gehl	970 16'	310 54	346 39	POR	POR
Gehl	970 18'	348.20	388 39	POR	POR
H & S	XL500 14'	281 22	313 67	100 88	174 53
H & S	XL500 16'	319 54	356 43	POR	POR
H & S	XL500 18'	357 87	399 19	POR	POR
Hesston	7314,7322 7326, 14'	280 57	312 96	POR	POR
Hesston	7314,7322 7326, 16'	320 99	357 97	POR	POR
Int Harv	61	295.44	329.56	POR	POR
Int Harv	105,110,14'	280 84	313 26	POR	POR
Int Harv	105,110 16'	320 20	357 28	POR	POR
Int Harv	51 14'	382 70	426 89	124 16	214 80
Int Harv	51 16'	434 64	484 82	POR	POR
Int Harv	120,14'	289.27	322 65	POR	POR
Int Harv	120,16'	326 66	364 37	POR	POR
Int Harv	130 15	298 68	333 17	POR	POR
Int Harv	130 18	367 09	409 48	POR	POR
John Deere	110	433 82	494 82	112 56	194 73
John Deere	112,122	242 77	270 80	124 37	215 70
John Deere	115,125	292 22	325 96	124 37	215 70
John Deere	214	279.76	312 07	124 37	215 70
John Deere	216	317 89	354 61	124 37	215 70
John Deere	714	286 68	319 77	141 71	245 15
John Deere	716	325 73	363 34	141 71	245 15
Kasten	Power Box Se# 611-2900 14'	281 58	314 08	POR	POR
Kasten	Power Box Se#611 2900 16'	320.21	357.17	POR	POR
Kasten	21,22,26 14'	289.27	322 65	POR	POR
Kasten	21,22,26 16'	326 66	364 37	POR	POR
Kasten	Power Box Se#2901 & Up 14'	289.27	322 65	POR	POR
Kasten	Power Box Se#2901 & Up 16'	326 66	364 37	POR	POR
Kasten	Kwik Load Se#6401-5100 20 16'	320.21	357.17	POR	POR
Knight	14-7	253 98	283 31	113 23	195 88
Knight	17-7	319 14	355 98	133 23	195 88
Knight	Barge Box 1500-7	POR	POR	POR	POR
Knight	20 7 Barge Box 1800-7	361 35 POR	403 06 POR	113 23 POR	195 88 POR
Lamco	Rex 14'	291 40	325 06	93 46	161 68
Lamco	Rex 16'	331 09	369 31	93 46	161 68
Massey Ferg	23 14'	POR	POR	POR	POR
Massey Ferg	23 16'	POR	POR	POR	POR
Meyers	418,518 16'	461.44	POR	POR	POR
Meyers	516 14'	290 15	323 67	118 66	205 29
Meyers	518 16'	329.96	368 05	118 66	205 29
Meyers	600 16'	POR	POR	POR	POR
Meyers	600 18'	POR	POR	POR	POR
Meyers	600 20'	POR	POR	POR	POR
Miller	2150	294.80	328.82	POR	POR
Miller	2175	342 40	381 95	POR	POR
Miller	2200	404 79	451.52	POR	POR
New Holland	3	441 80	504.46	130.75	226.20
New Holland	6	515 77	581.78	97.64	168.92
New Holland	Dual Conv 6	283.68	316 44	131.05	226.71
New Holland	7,8	321 50	358 64	108.95	188.49
New Holland	8 w/ext.	POR	POR	151.17	261.52
New Idea	601,602,604 605,606	294.47	328 50	POR	POR
New Idea	607,609	335 10	373.79	POR	POR
Papec	140	288 53	321 83	POR	POR
Papec	160	324.29	361 73	POR	POR
Ralco	14'	290 68	324 23	POR	POR

ROLLER CHAIN

Chain No.	Chain Pitch	Riveted	Cottered
35	3/8"	87	—
40	1/2"	83	—
50	5/8"	1 23	—
50H	5/8"	2 27	—
60	3/4"	1 52	3 81
60H	3/4"	2 13	4 16
80	1"	3 03	4 48
80H	1"	3 86	6 66
100	1¼"	5 49	6 20
100H	1¼"	9 03	10 07
120	1½"	7 85	8 91
120H	1¼"	13 59	14 72

Other sizes available 25 to 200 from single strand to six strand



STEEL DETACHABLE ATTACHMENT LINKS

55Al	40
55Cl	54
55 C11	54
55-G27	56
55 HB4	78
55-SH	60
62-A1	60
62-C1	62
62 C11	62
62-G27	84
62-HB4	1 16
62-SH	84
67H-AS	1 06
67XH-AS	1 18
88-A2W	3 00
S B	1 30

T-BAR CHAIN & T-ROD CHAIN

T67 Plain Link	85 link
T-67 Attach Link	1 86 link
T Rod Plain Link	85 link
T88 Plain Link	1 35 link

NEW HOLLAND BALER UPPER CHAIN

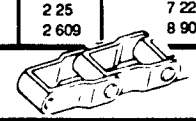
N.H. MODEL	N.H. PART NO.	PRICE PER PAIR
845	704545	340 27
846 & 847	634335	357 27
849	679303	564 68
850	273260	399 00
851 & 852	679768	487 90
855	786717	898 80

STATIONARY CONVEYOR BOX

MAKE	MODEL	PRICE
BALZER	1014	CALL FOR PRICES
BALZER	1016	
RICHARDTON	1014	
RICHARDTON	1016	

PINTLE CHAIN

CHAIN NO	PITCH	PRICE PER FT.
662	1 664	3 70
667H	2 313	3 60
D667J	2 25	5 80
667X	2 25	5 26
D667K	2 25	7 22
D88K	2 609	8 90



BUTLER JAMESWAY
BIG JIM SILO CONVEYOR
PRICE PER FT $12 75 Delivered
PART #FV2142 Price $297 00 Delivered

FEED WAGONS, MIXER WAGONS, SILAGE MIXERS

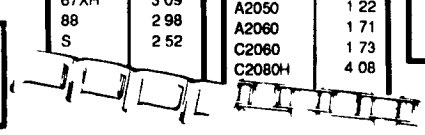
MAKE	MODEL	MAIN APRON CHAIN PRICE	UNLOADING OR ELEVATOR CHAIN PRICE
ARTS WAY	155	CALL FOR PRICES	
ARTS WAY	700		
ARTS WAY	750		
ARTS WAY	800		
ARTS WAY	850		
FOX	512		
GEHL	170		
GEHL	280		
HEINKE	Mini		
HEINKE	B240		
HEINKE	H12		
HEINKE	H14		
INT HARV	200		
INT HARV	300		
JOHN DEERE	410		
KNIGHT	BA12		
KNIGHT	BA14		
KNIGHT	BA16	CALL FOR PRICES	
KNIGHT	LA9C		
OSWALT	320		
NEW IDEA	604		
SCHULER	125BU		
SCHULER	175BU		
SCHULER	260BU		
SCHULER	400BU		
SCHWARTZ	680		
SCHWARTZ	750		
SCHWARTZ	760		
SCHWARTZ	780 Short		
SCHWARTZ	780 Long		
SCHWARTZ	860		
SCHWARTZ	880		
SCHWARTZ	950		
SCHWARTZ	980		

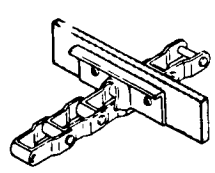
AGRICULTURAL ROLLER CHAIN

STEEL DETACHABLE CHAIN

CHAIN NO.	PRICE FT.
25	1 06
32	1 10
42	1 20
52	1 53
55	1 27
62	1 79
62H	2 19
67H	2 43
67XH	3 09
88	2 98
S	2 52

CHAIN NO.	PRICE/FT
C550	2 90
C555	3 79
C551X	7 08
C557	4 86
C620	4 34
C2050	1 23
C2060H	2 37
A550	3 84
A555	3 84
A557	4 86
A620	4 53
A2040	89
C2040	91
A2050	1 22
A2060	1 71
C2060	1 73
C2080H	4 08





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P O R Equals PRICE ON REQUEST

CORN HEAD GATHERING CHAINS

MAKE	MODEL NO'S	PRICE
ALLIS CHALMERS	2A,3E,2N,3A,3H,4C, A420,E420,C620,C820, H330,E330,C430,C630, C435,H240,E240,C440	16 80
	FL430-GL440	24 70
	1969-72 All Models Low Profile	24 70
	1973 - 73 Low Profile	25.77
	1977-79 Hegds All Models	27 06
INT HARV	ALL 800 SERIES HEADS	23.58
	227,228,229,428,430, 724,733,327WN,620N, 630N,762,763	34.20
JOHN DEERE	243,244,343,344,443, 444,543,546,642,643, 644,645,842,843	23 63
	235,335,435,635	36 43
	555,234,334,434,634	37 03
MASSEY FERG	22,321,322,33, 421,422,43,63,621	26.29
OLIVER & MINN MOLINE	522,525,531,535, 541,544,H942,H944, H953,H954	33.82
NEW HOLLAND	922,923,923L,924 924N,926,	37.03
	926 after Ser #220344 Late 1977	28.85
	962 Before Ser. #220344 Early 1977	29 82
	All Models from 1980	23 63
NEW IDEA	723,724,725,726 843N,843W,844N, 844W,846N,	35 81 31.04
	324,325,720,730	18.92
	319,324,325,720,730	18 06
WHITE	702,703,704,705,706	25.20

NEW HOLLAND BALER FLOOR CHAIN

N.H. MODEL	N.H. PART NO	PRICE
845	268/66	$48 90
846,847	714619	$48 23
850	710395	$73 85
851,852	718096	$61 77

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CLAY RANGER MANGER CONVEYOR CHAINS

CHAIN	PART NO.	PRICE
Main Conveyor	#2-913680-0	$105 50
Cross Conveyor	#1-913677-0	$ 37.75

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FARM BUSINESS ANALYSIS
The Ultimate Use Of Farm Records

LARRY C. JENKINS
Extension Economist
Penn State

All successful farm businesses are built on a foundation of sound management. Numerous tools go into that foundation but a good recordkeeping system is the cornerstone. Records are the source of information for making day-to-day decisions. They also provide information for long-term planning that determines the future success of the business.

The most common use of farm records is documentation of information on the federal income tax return. A limited number of farmers, who are the Commonwealth's top farm managers, utilize information from their records to complete a farm business analysis.

Farm business analysis is the ultimate goal of record-keeping activity. Without an analysis of the data contained in the farm business's records, the efforts expended are largely wasted. Recordkeeping activity will not provide necessary insight into financial aspects of the business unless a business analysis is completed and used as a guide to decisions.

To be most useful, the farm business analysis should be consistent from year to year, that is, it should contain the same measurements and elements through time. While the analysis from a single year may provide a preliminary indication of needed change, multi-year analyses are more useful. Major change in organization of the business, in particular, should be based on more than a single year of information.

There is no single "best" approach to farm business analysis. Generally, the analysis should provide a review of transactions occurring in the business during a given year, accounting adjustments that incorporate inventory change and amounts payable or receivable into annual income, an overview of assets and resource use, measures of efficiency, and an analysis of returns. The terms used to describe these features are cash flow, the income (profit and loss) statement, and the balance sheet. These documents are supplemented with measures of efficiency in resource use and returns to those resources.

Cash Flow: A cash flow projection is a listing of anticipated annual cash inflows, both farm and non-farm, and all anticipated cash outflows, including farm operating expenses, new capital investment, family living expenditures, and taxes. The document is most useful if it is converted from an annual basis to a monthly one.

The cash flow projection is a useful tool of analysis because it formalizes the planning process. It provides the "best estimate" of how the farm manager plans to operate the business for the coming year. This establishes a definite set of expectations that become the framework for judging short-term performance.

Comparison of projected and actual cash flow reveals the degree the business is performing as planned. In many cases, cash flow comparisons can serve as an early warning signal of problem areas. Immediate correction of those problems can result in minimal damage to business net profit for the year.

The Income Statement: The income statement, often referred to as a profit and loss statement, accurately measures farm earnings for a year. This document measures earnings more accurately than a simple cash flow because several important adjustments are made in computing the income statement. These adjustments reflect changes in inventory as well as changes in accounts receivable and payable.

There is no single form used for income statements for farm businesses. Nearly every records system that includes an analysis

(Turn to Page D9)

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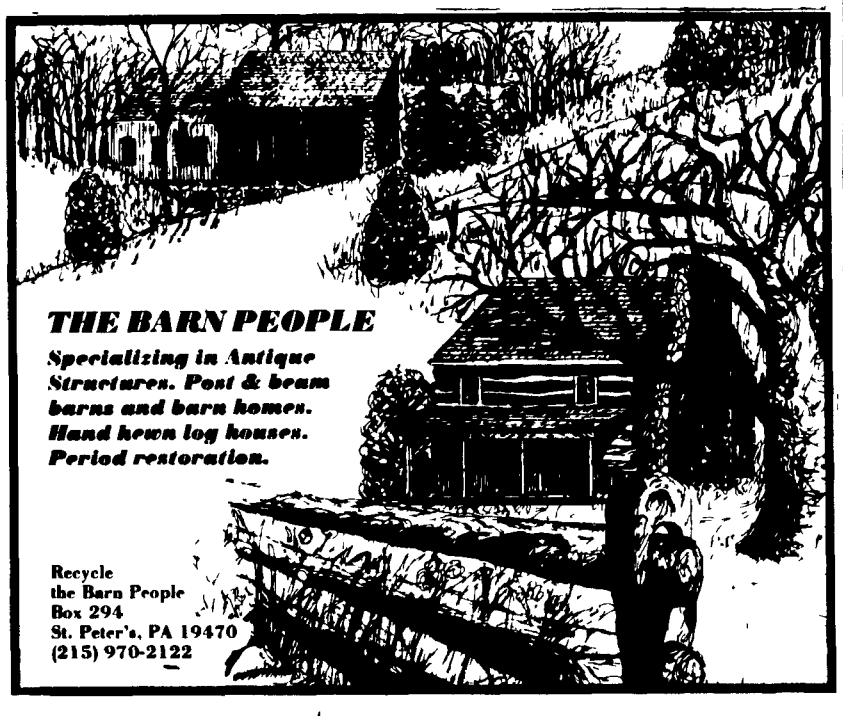
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STOUFFER BROS. INC.
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LEBANON VALLEY IMPLEMENT CO., INC.
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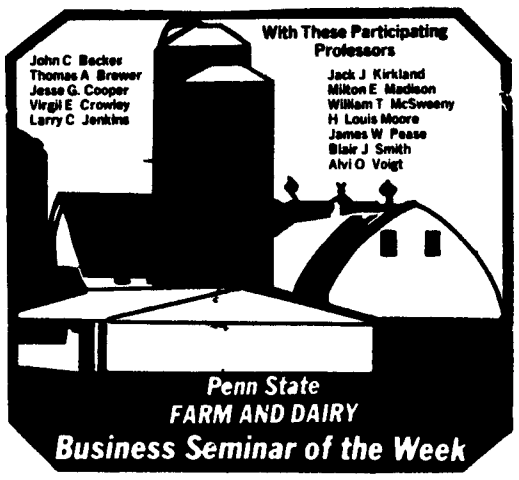


(Continued from Page D8)

section has an income statement that is slightly different from other income statements. All income statement forms do have common features - generally, the form is designed to provide information about receipts, expenses, and adjustments that are described above.

The Balance Sheet: The balance sheet is one of the most basic tools used in financial management and should be developed at least annually by every farm manager. Different names are used to describe the document that is here called a balance sheet; it is often called a FINANCIAL STATEMENT and sometimes a NET WORTH STATEMENT.

Balance Sheet Analysis: The balance sheet provides a cross-section view of the financial side of a business. A review of the balance sheet provides insight into the financial health of the business. Comparison of balance sheets from a business through time provides a general indication of performance of the business.

An analysis of the balance sheet should begin with a comparison of total assets and total liabilities. The difference is net worth. If total assets exceed total liabilities, the business is said to be solvent.

The net worth of a business on a given date indicates owner equity and is a very general indicator to the lender of the risk involved in making a loan. If net worth is large relative to total assets in the business, the loan can be well secured and the chance of loss is small. A small net worth may present an obstacle to securing credit since risk of loss to the lender is increased.

A comparison of current assets and current liabilities from the balance sheet indicates ability of the business to meet cash obligations as they come due. If a business is able to meet its current cash obligations, it is said to possess liquidity.

The spread between current assets and current liabilities is the source of "working capital" for the business. "Working capital" is the amount of funds available to meet current operating expenses such as feed, fuel, and supplies. If all current assets are used for liabilities, funds are not available to carry out basic production activity, such as tillage and planting, or for current expenses such as feed. This makes it necessary to borrow funds to prevent disruption of the business.

A number of ratios have been developed for balance sheet analysis. Calculation of those ratios and comparison with generally acceptable standards provide a quick but reliable method of evaluating financial health of the business.

CURRENT RATIO: The current ratio is the ratio of current assets to current liabilities. The ratio should be 1.5 or more; that is, there are one and one-half times as many current assets as current liabilities.

PERCENT EQUITY RATIO: The percent equity ratio is the ratio of net worth to total assets. This ratio should be more than .70.

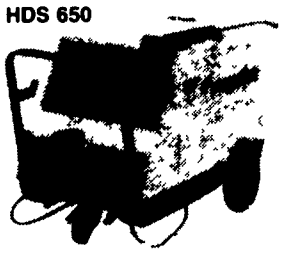
Your farm business analysis should also include farm business efficiency measures. I will discuss these in my next column.

Spring Cleanup Specials

Karcher's New Cold-Hot-Steam Pressure Cleaners: 4x High-Pressure in Perfection

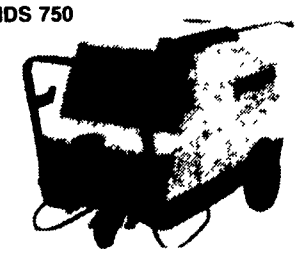
Single Phase

HDS 650



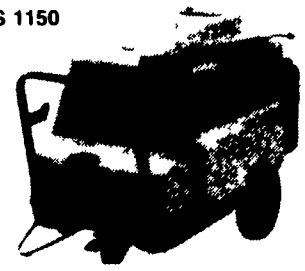
1000 PSI

HDS 750



1500 PSI

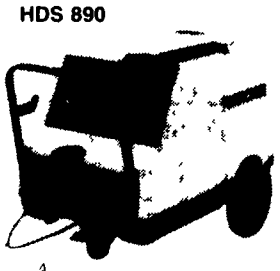
HDS 1150



2000 PSI

Three Phase

HDS 890

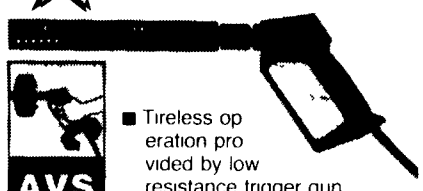


2300 PSI

1. Controlled Functional Safety

- Special ECS Safety System with indicators on control panel for inhibitor motor overload protection and low fuel supply

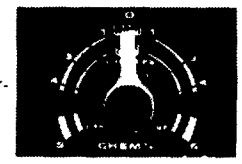
2. Comfortable Operation



AVS

- Tireless operation provided by low resistance trigger gun and patented AVS Anti Kink System with rotating high pressure hose and spray wand from the most advanced ergonomic technology (Patent No DE 3407744 HDS 650 750) Comfortable to work with no kinking of the high pressure hose

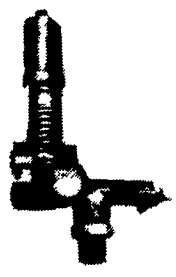
3. Precise Chemical Metering



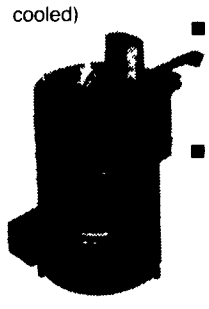
- Infinitely variable chemical adjustment with two metering scales for precise chemical measurement
- Simple adjustment of chemical concentration in the spray

No waste of chemical!

4. High Efficiency–Low Energy Costs



- Complete trigger gun control, when trigger gun is released pressure switch automatically shuts off unit*
- 24-volt safety circuit in the unit for maximum protection
- Compact direct drive axial piston pump and blower for higher efficiency
- Patented water cooled electric motor preheats water for maximum efficiency (Patent No DE 3001751 HDS 650 air cooled)



- Vertical heater coil for condensation free heating comes complete with a 2-year warranty
- 90% fuel efficient burner system provides maximum fuel savings Smoke free constant ignition reduces exhaust gases
- Infinitely variable operating pressure and water volume for further savings

5. Low Maintenance and Service Costs

- Built-in inhibitor system standard on all HDS machines
- Direct drive system with hydrolubrication no belts to wear or replace
- Stainless steel pistons with ceramic sleeves

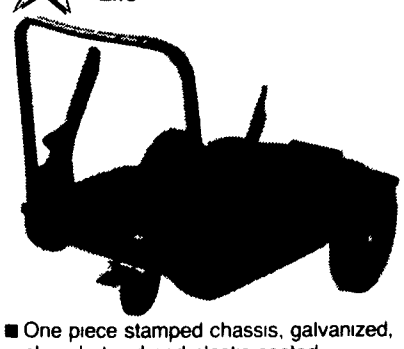
Fuel level sensor

- Multiple safety features result in trouble-free operation

Temperature controlled via thermostat units incorporate low water cut-off

- Stainless steel valves
- Logical construction and simple design reduces maintenance time

6. Long Operating Life



- One piece stamped chassis, galvanized, phosphatized and plastic coated
- Corrosion proof (plastic) fuel and chemical tanks
- Impact resistant fiberglass cover lifts for easy access to machine s inner componants

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Adams Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

BREED CODES

1—Ayrshire 4—Jersey 7—Red Dane
2—Guernsey 5—Brown Swiss 8—Mixed
3—Holstein 6—M. Shorthorn 9—Red and White

May, 1988
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Milton R Hoffman	3	42.6	89.4	20,549	813
Roy A Weaner Jr	3	62.2	89.7	20,276	777
Penn Gate Farm	3	70.8	85.1	20,139	758
Yelow-Buttercup Farm	3	161.7	88.7	17,791	699
Wayne H Rodgers	B3	97.6	87.7	18,414	699
R+K Cunningham	B3	47.6	84.9	18,513	696
Michael Danner	B3	40.6	89.0	19,760	689
Brown Valley Farm	3	73.6	87.4	18,671	686
Leroy Deputy	B3	123.3	86.5	18,720	675
Ray Dutterer	G3	67.3	87.9	17,824	670
Lagging Stream Farm	B3	126.2	84.0	16,877	664
Robert C Hoffman	3	26.8	85.3	18,213	651
Stoner Bros Dairy	G3	77.5	88.8	16,564	630
Home Side Acres	B3	44.1	81.3	17,055	627
Kehr Acres	3	88.7	88.2	16,134	620
Adam F Lobaugh	3	40.5	87.6	16,823	619
Ber Crk	3	69.9	82.1	17,166	617
Fred-Chris McGillvray	B3	63.8	88.8	16,816	615
Piney Lane Guernseys	2	56.1	87.9	13,801	614
Zeppdale Farms	B3	123.9	89.6	16,794	613
Donald Todt	B3	56.5	87.3	17,783	612
Frank Ludwig	B3	33.9	86.8	15,599	605
Leroy Basehoar	B3	70.9	83.7	15,802	600
Robel Acres	3	83.4	89.8	15,831	596
MR & CS Durboraw	3	66.3	87.5	15,809	595
Kraybill Miller	G3	42.7	87.4	15,468	594
Way Brite Farms	B3	139.3	89.3	16,332	588
Holstein Supreme	B3	155.0	86.3	15,745	582
Buttonwood Farms	3	156.8	84.6	15,690	578
Rinker Bros	G3	34.9	84.5	15,389	571
Charles E Mayers	G3	49.5	94.1	15,140	569
Richard K Herr	B3	176.1	84.6	16,280	568
Pleasant Acre Farms	B3	74.1	88.5	15,255	566
Jeff+Mary Kay Roche	3	64.7	84.5	16,007	554
Larry Holtzinger	B3	43.8	86.3	15,033	551
MJ Starner & Sons	B3	146.9	86.8	15,052	540
Robert & Linda Meyers	B8	93.3	85.0	14,832	538
John J Hess	B3	175.8	86.6	14,792	536
Getty Acres	B3	201.6	84.0	15,436	536
H&W Farms	G3	64.3	81.6	13,554	521
Roger L Sprague	B3	61.3	87.4	14,810	521
Grove Bros	B3	80.3	83.4	15,022	516
Robert L Rohrbaugh	B3	73.2	83.7	13,252	497
Martin's Dairy Farm	B8	83.2	78.0	13,064	482
Knud Hermansen-+Sons	G3	78.2	82.0	13,433	474
Kathy Reever	4	1.8	100.0	9592	467
Pennstead Farm	B3	44.3	86.2	11,689	461
Hubert R Brown Sr	B3	63.4	80.2	12,638	460
Shamrock Farm	G3	64.5	83.2	13,206	430
Oscar E Mehring	G3	35.2	81.1	10,960	403

LACTATIONS

Owner-Cow's Name	Brd	Age	Days	Milk	Test	Fat
Stoner Bros Dairy						
111	3	5-0	290	19,793	3.9	778
Penn Gate Farm						
43	3	4-1	305	28,628	3.6	1045
Leilani	3	3-0	305	25,353	3.4	871
Robel Acres						
143	3	3-4	305	18,553	3.8	718
Piney Lane Guernseys						
Lucky	2	3-5	305	15,575	4.5	701
Roy A Weaner Jr						
42	3	5-10	296	19,384	4.2	816
51	3	4-2	286	18,710	4.6	863
73	3	3-0	305	17,629	4.0	717
53	3	3-0	305	18,925	4.0	763
Lagging Stream Farm						
Heidi	3	6-2	305	18,419	4.2	785
Shorty	3	5-5	305	20,938	3.3	709
Mandy	3	4-9	305	21,522	3.3	725
Snowbal	3	4-1	300	18,069	3.9	708
Banana	3	4-1	286	16,837	4.3	734
Ray Dutterer						
120	3	7-8	305	26,717	2.9	786
Robert & Linda Meyers						
Jackie	5	5-8	305	20,105	3.7	745
Way Brite Farm						
60	3	3-2	305	19,897	3.7	741
Leroy Deputy						
Michell	3	5-11	292	21,125	3.9	830
Tide	3	4-10	284	18,849	4.2	791

(Turn to Page D11)

BREAKING MILK RECORDS!
Lancaster Farming Carries DHIA Reports Each Month!

PLAINFIELD FARMERS FAIR

JULY 20, 21, 22, 23, 1988

Northampton County, Route 191, 5 Miles South of Bangor, Pa.

WEDNESDAY
7:00 P.M. Pie Eating Contest
7:00 P.M. BMX Bicycle Race
8:00-11:00 P.M. New Generation

THURSDAY
10:00 A.M. Cattle Judging
1:00 P.M. Judging for the Great American Apple Pie Contest
7:00 P.M. Demolition Derby
8:00-11:00 P.M. - Band Stand

FRIDAY
10:00 A.M. - Dairy Cattle Judging 4-H & FFA
7:00 P.M. - Modified Tractor and Truck Pull
7:00 P.M. - Watermelon Eating Contest
8:00 to 11:00 P.M. - Twitty Fever

SATURDAY
9:00 A.M. - Open Sheep Show
10:00 A.M. - Kiddie Pedal Tractor Pull
1:00 P.M. - Baby Beef Show 4-H & FFA
1:00 P.M. - Farm Tractor Pull
5:00-7:00 P.M. - Lip-Sync Talent Contest
7:00 P.M. - Lehigh Valley Quarter Midget Races
8:00-12:00 P.M. - John Hamby Band

Nightly - Chicken BBQ - Farm Exhibits - Crafts - Food Stands - Bake Sale, Etc.

Get Ready For Agriculture In The 90's Attend The 1988 Summer Seminar

"FARM FOR DOLLARS SEMINAR WITH THE APPLICATION OF NEW PROVEN TECHNOLOGY IN SOIL MANAGEMENT."

JULY 21-23, 1988

Chalet Restaurant
Route 15, Dillsburg, Pennsylvania

PROGRAM

THURSDAY, JULY 21, 1988
7:00 p.m. to 9:00 p.m. - Registration and Welcome

FRIDAY, JULY 22, 1988
9:00 a.m. to 5:00 p.m.
6:00 p.m. - Banquet
7:00 p.m. to 9:00 p.m.

SATURDAY, JULY 23, 1988
9:00 a.m. to 3:00 p.m.

SATURDAY - SPECIAL EVENT
3:30 p.m. to ? - Picnic with Jim and Jane at Green Vistas Farms

NATIONALLY RECOGNIZED SPEAKERS TO PARTICIPATE

DR. DAN SKOW, FAIRMONT, MINNESOTA
Dr. Dan Skow presents a new concept of energy management as a guide to fertilizer application.

DR. ROBERT FISHER, RICHMOND, VIRGINIA
Dr. Robert Fisher, Director of Plant Biotechnology Research Laboratories at Virginia Commonwealth University will discuss cytokinin activity and growth promoting characteristics of NITRO/MAX.

DR. DALE SCHURTER, LONG ISLAND, NEW YORK
Dr. Dale Schurter, world traveler and lecturer will discuss the worldwide interest in chemical free agriculture.

CHARLES WALTERS, JR., KANSAS CITY, MISSOURI
Charles Walters, Editor of ACRES, U.S.A., as always, The Voice For Eco-Agriculture, gives a status report.

DR. AKHTAR KHWAJA, OSHKOSH, WISCONSIN
Dr. Akhtar Khwaja is President of K-Ag Laboratories International. Dr. Khwaja has traveled in over 40 countries doing research and consulting on high-value crops.

MARK D. McINTYRE OFFICE OF VICE PRESIDENT BUSH
Mark McIntyre will explain the new role of USDA in implementing programs of research and education concerning alternative, low-energy sustainable programs for agriculture that are ecologically safe and economically feasible for farmers.

Sponsored By:

J & J Agri-Products Services, Inc.
220 S. 2nd St., Dillsburg, PA 17019
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YOU HEARD IT ALL FROM ME BEFORE, BUT NOW IT'S OFFICIAL. QUOTES FROM "THE KIPLINGER AGRICULTURE LETTER" APRIL 8, 1988

Makes no difference what you call it... alternative, regenerative, renewable, low-input, organic, sustainable or some other terminology...

There's a new kind of agriculture starting to emerge in the U.S. Has implications for producers, processors, all agribusiness. Ties to...

Fewer chemicals. Better soil stewardship. Cleaner environment. What many considered to be an embryonic movement that would die aborning a few years ago is now starting to bloom...fast approaching full flower.

AND...

Congress is feeling the heat... reacting to the rising pressures. It directed USDA to conduct a $4-million study of low-input agriculture. And even pro-farmer, pro agribusiness lawmakers take notice, pay attention to demands from groups pushing to clean up the water, air and food supply.

AND...

A gradual shift, not an abrupt change from conventional methods. But broad-based...occurring countrywide among many kinds of enterprises.

Prodded as much by economic realities as environmental concerns.

EXCERPTS FROM "THE WASHINGTON POST" MARCH 17, 1988

Orville G. Bentley, Assistant Secretary for Science and Education, said ways would be sought to replace synthetic chemical pesticides and fertilizers with "More harmless and sustainable methods" in an effort to reduce water pollution and human health hazards linked to "excessive use" of these substances.

Bentley said that low-input farming systems are "an idea whose time has come."

Registration Deadline: July 19, 1988
Name_____
Address_____
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Phone_____
Number attending_____
Cost. $60.00 per person/$75 per husband and wife
Registration fee includes: Handouts, Refreshment breaks, Friday night Banquet, Saturday Picnic at Gfeen Vistas Farm
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(Continued from Page D10)

Getty Acres						
564	3	4-9	305	24,575	3.1	768
Zeppdale Farms						
66	3	3-2	305	19,468	3.9	771
Ber Crk						
*Elsie	3	3-6	305	21,690	3.7	808
Home Side Acres						
Dellie	3	6-0	305	23,511	3.8	899
Abbey	3	5-11	305	20,976	3.7	780
Robert C Hoffman						
Fanny	3	7-7	305	20,388	3.7	770
Marty	3	7-0	305	18,599	3.8	706
Jeff & Mary Kay Roche						
Betty	3	6-0	305	23,703	3.0	721
Dallas	3	5-10	301	20,274	3.6	732
Michael Danner						
82	3	2-9	305	21,690	3.8	838
Martin's Dairy Farm						
51	3	5-5	305	19,904	3.5	711
Richard K Herr						
290	3	4-5	305	20,381	3.4	708

REAL Your assurance of a real dairy food.

Berks Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

May, 1988
ROLLING HERD AVERAGE

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Hiddenview Holsteins	3	68.5	86.6	23,433	846
Mark A Wolfskill	3	97.5	87.6	22,088	844
Junge Farms	3	74.8	88.7	21,168	810
Daview Farm	3	67.8	86.8	21,901	808
Heindel Farms Inc	3	37.8	87.1	20,898	793
Mertz Brothers	3	41.7	86.4	22,076	781
Retland Farm	3	54.7	86.3	21,053	775
Forrest C Stricker	B3	60.9	88.3	22,080	770
David L Schrack	B3	105.6	85.6	19,099	765
D J S P Schuler	3	69.2	85.4	20,876	763
Plushanski Farms Inc	3	141.6	86.8	19,247	759
Merlin J Grube	B3	51.0	88.1	20,117	757
Mervin Brubaker	B3	70.1	85.9	20,461	754
Swatara Dairy Farm	3	63.2	84.9	18,205	751
Show Top Farms	3	174.6	90.9	18,828	749
George S Troutman Jr	B3	77.9	88.9	19,053	748
Ralph & Ken Sanner	B3	78.6	86.9	20,332	747
Chris D Kratzer	B3	47.0	92.0	19,606	742
FGG Holsteins	3	69.2	86.0	18,734	738
Leonard G Stoltzfus	3	100.1	88.9	20,515	737
William G Howerter	3	90.5	87.1	19,294	734
Arlan Krick	B3	66.5	86.8	18,965	724
Raymond A Seidel	3	39.0	90.6	18,920	723
R R Troutman & Sons	3	133.2	85.6	18,163	722
Irvin G Weaver	B3	56.9	87.9	19,322	722
Vista Grande Farm	3	90.0	85.9	20,200	721
Allen A Davis	B3	69.4	88.6	19,675	720
Elvin Brubaker	B3	42.5	88.5	20,006	714
Glenn B Gockley	B3	47.7	86.4	21,433	712
Bos-Belle	3	6.3	86.3	19,370	710
Leon H Martin	B3	40.6	87.2	19,167	708
Leon M Martin	B3	49.4	89.5	19,867	705
Brian + Dawn Blouch	3	45.1	86.7	19,726	705
Bendy Brook Farm	3	48.0	85.3	18,893	703
F Mark Weber	3	41.2	86.8	19,015	703
Gary-Martha Heffner	B3	41.4	88.1	18,630	702
Reu Hel Farms Inc	3	96.3	88.7	19,826	702
Zahncroft Farm	3	56.8	86.8	19,079	697
Clarence B Kulp	3	74.2	89.0	19,758	697
Harold Schuler	3	38.3	87.7	18,942	697
Ronald Kelchner	B3	75.0	88.4	19,401	697

(Turn to Page D12)

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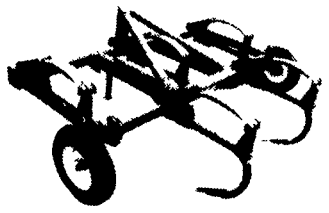
☑ REDUCE COMPACTION
Deep Till Penetrates As Deep As 18 Inches

☑ CONTROL WIND & WATER EROSION
Residue Left On Surface Ties Down The Top Soil

☑ BREAK UP HARDPAN: SHATTER THE SOIL
Soil Is Aerated; Crops Respond With Better Yields

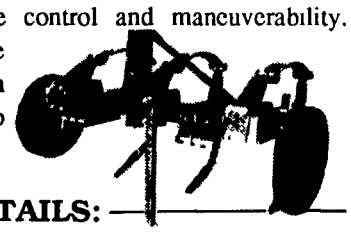
TWO-BAR OR FRAME



The frame type DEEP TILL is available with a Category II or III hitch and may be equipped with the optional drawbar hitch to convert it to a pull type. The hitch features both clevis and straight drawbar for four-wheel drive tractors. Adjustable top arm controls the front-to-rear leveling of the machine. Sizes range from 12'6" to 27'6". Hydraulic gauge wheels control working depth from 8" to 18". The pull-type hitch is easily removed to convert the unit to a 3-point Category III hitch model. The automatic reset feature on all models allows non-stop tilling and eliminates the inconvenience, downtime and expense of replacing shear bolts. All frame type Deep Tills must be used with pull-type hitch when using either style trash cutting coulters.

SINGLE RANK MODEL

The three shank model, shown below, has a Category II hitch. With a cutting width of 7'6", it is ideal for operators with smaller acreages and horsepower. It is extremely maneuverable, yet provides the same basic deep tilling job as its "big brothers". The single rank model provides simplicity and durability. It is available in 3, 5 and 7 shank sizes, in working widths of 7'6", 12'6" and 17'6". Shank spacing is 30" but can also be set at 20" in light trash conditions. Single rank models are close coupled to the tractor for effective control and maneuverability. Manually adjusted gauge wheels control working depth to 18". A speed of 4½ to 6 MPH is recommended.



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S G. LEWIS & SON, INC
352 N Jennersville Rd
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M.S YEARSLEY & SONS
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ADAMSTOWN EQUIP., INC.
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Adamstown

MILLER EQUIP. CO.
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Bechtelsville

BENCE'S FARM EQUIPMENT
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Beford

IVAN J ZOOK FARM EQUIPMENT
Box 5, Star Route
Belleville

C H REINHIMER & SONS
RD 1, Berwick

GUTSHALLS, INC
Rt 34, 1201 Spring Rd
Carlisle

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Route 202
Concordville

GEORGE N. GROSS, INC.
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400 N Atrim Way
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RR 3, Box 147
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FINCH SERVICES-HANOVER, INC.
515 Frederick Street
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LANDIS BROTHERS, INC
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RD 2, Rt 850 West
Loysville

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PO Box 565
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ON THE MOVE... IN TO THE 90's

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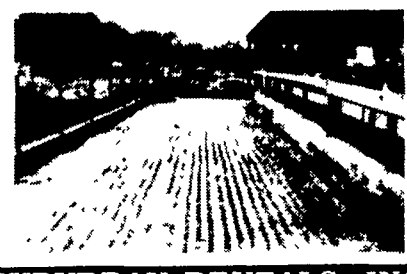
And the good news is that it is reasonably priced. You have the choice of doing it yourself or having us do it for you. We offer service right to your door. Call us for more details.



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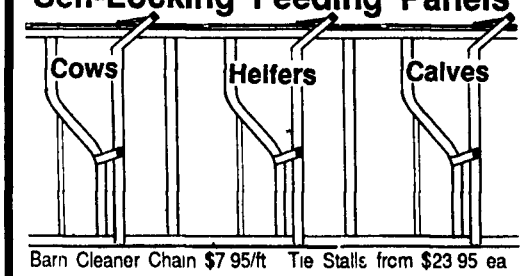

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Berks Co. DHIA

(Continued from Page D11)

Plentygood Holsteins	3	63.4	82.6	18,054	695
Jacob M Wise	G3	42.2	85.0	18,950	693
Richard A Bleiler	B3	46.2	89.3	20,261	692
Martin & Missy Moyer	B3	53.7	85.8	18,987	688
Earl R Hafer	B3	131.1	86.7	19,333	688
Charles D Moyer	B3	133.1	86.7	19,294	688
Glenn+Brenda Howard	3	142.8	88.6	18,451	688
Bernell L Burkholder	B3	43.2	84.6	19,239	687
Harvey M Weaver	B3	47.1	85.3	18,516	687
Robert C Dreisbach	4	102.5	83.9	13,865	685
Grumbro Holsteins	3	47.6	86.2	18,054	684
F M Browns Sons Inc	B3	96.7	90.0	19,246	674
Tulpa-Canal Farm	B3	37.0	86.1	19,082	673
Dean&Brenda Daubert	5	38.8	87.8	16,925	671
Yost Brothers	B3	115.8	86.7	18,936	670
Scattered Acres Inc	B3	146.6	82.1	19,167	670
Larry E Phillips	B3	39.3	84.1	17,954	669
Herb Top Farms	B3	38.8	85.5	18,124	663
Fred J Walters	B3	87.7	86.6	18,490	663
Nathan Nolt	G3	53.5	85.9	18,134	660
George E Moyer	3	111.8	87.5	18,724	660
Way Har Farms	B3	112.9	91.7	17,412	658
Red Fever Farm	B3	69.2	87.3	18,584	658
Ernest O Miller	B3	221.6	86.4	17,499	655
Floyd Kurtz	B3	60.5	88.2	18,462	649
Pinnacle View Dairy	B3	43.7	87.2	16,959	645
Andrew D Stoltzfus	B3	111.9	87.7	18,659	644
Donald Burkholder	B3	113.4	85.7	18,050	641
Ray E Bicksler	3	48.6	86.9	17,679	639
Herb Top Farms Jer	B4	6.1	87.6	13,874	639
Lester Martin	B3	48.7	86.4	17,212	636
Lowell C Kurtz	B3	34.2	85.2	17,530	636
Landis R Martin	B3	53.7	84.7	17,251	635
Wilhomar Farm	3	41.2	86.9	18,220	635
David Gross	B3	40.7	84.9	17,268	635
Blue Mtn Academy	B3	133.3	86.7	16,954	634
Harold Fenstermaker	3	36.0	88.1	15,944	634
Alton Rohrbach	B3	56.8	88.2	17,866	634
Lawrence Kieffer	B3	99.5	86.7	17,264	632
Joe & Deb Kohler	B3	38.0	86.6	17,463	630
Donald B Duncan	B3	103.8	88.3	17,794	628
Jeffery J Vanhorn	B3	40.6	86.3	19,084	628
Ker Min Farms	3	84.8	88.8	17,181	627
Richard W Hoppes	B3	65.2	86.1	16,382	626
Heindel Farms Inc	1	23.0	86.2	15,504	626
Kenneth Zook	B3	53.3	85.2	16,671	625
Bruce Reigel	G3	38.2	87.2	16,476	624
Lynnacres	3	194.3	90.2	17,273	623
Teen Chal Farm	B3	119.3	85.9	16,927	623
Clyde Loump	B3	54.0	86.6	17,405	622
Harvey C Krill Jr	B8	62.9	86.7	16,574	621
Robert L Sattazahn	B3	98.2	89 2	17,777	620
Wooden Bridge Farm	B3	57.1	85.5	18,111	619
Bethany Dairy Farm	G3	49.8	83.6	17,096	618
Oleka Acres	3	55.2	84.7	18,818	616
Whirlwind Acres	B3	118.9	88.1	17,130	616
Ray W Seidel	B3	40.4	86.2	16,569	614
Louis E Moyer	3	64.1	83.6	17,045	613
Luke Snyder	B3	68.4	88.0	17,223	613
Robert Yanos	B3	54.2	87.3	16,645	606
David Y Knauer	B3	52.9	85.8	17,896	606
Ernest C Hoffman	3	59.1	88.0	16,571	605
Wilmer Dreibelbis Jr	B3	105.8	86.5	16,837	605
Daniel J Harnish	B3	101.3	85.3	16,890	603
David L Phillips	4	40.4	87.2	12,943	603
Raymond L Kulp-Son	B3	86.3	90.5	16,597	603
Dennis Adam	3	35.6	91.4	15,829	602
James Phillips	3	55.8	86.7	17,850	601
Ontelynn Acres	3	127.9	90.2	15,650	601
Charles W Wagner	B3	47.0	90.0	16,617	601
Meadow Spring Farm	B3	54.6	82.4	17,314	600
Ring-Kul Farm	B3	39.1	87.0	18,366	599
Rodger L Wagner	B3	141.4	87.3	15,947	598
Don Aloan	G3	48.5	86.2	16,200	597
John H Stump	3	77.2	87.9	17,227	596
Hy-Del Farm	B3	32.4	85.8	17,601	596
Samuel L Mast	B3	47.6	87.1	16,521	596
William C Adams	B3	89.4	92.5	14,651	594
Robert E Kieffer	G3	62.9	87.5	16,408	593
David L Phillips	1	1.1	88.6	14,428	593
Melvin M Oberholtzer	B3	43.0	83.6	17,702	593
Ken & Debra Dietrich	B3	47.1	81.2	16,616	590
Terry Kunkel	B3	40.9	82.4	16,819	589
Rolling Acres Farm	G3	39.5	86.1	17,316	589
Mervin Z Martin	B3	42.0	89.9	17,162	588
Eleanor K Siegfried	3	123.2	91.4	15,370	587
J D Rosenbaum & Son	B3	75.9	87.2	15,460	586
David Risser	B3	43.3	87.8	17,352	585
Win-Dale Farm	4	50.7	88.7	11,663	585
Rothrock Golden Hol	B3	154.4	75.2	16,686	584
L and L Farms	B3	46.8	84.1	15,777	584
Clarence C Sattazahn	3	106.5	89.6	15,528	583
E Daniel Leatherman	B3	66.8	89.7	15,588	582
Glenn E Hoffman	B3	58.7	82.5	15,980	581
Carl H Rabenold	B3	67.4	83.4	16,924	580
James H Adam	B3	110.5	86.1	15,020	579
Wilson M Balthaser	B8	78.9	85.9	16,016	578
Donald M Meyers	3	61.9	88.4	16,096	577
William J Steckel	B3	63.6	85.6	16,884	577
Ronald Weyer Jerseys	4	2.5	88.5	12,225	577
Wilhelminia Schmidt	3	57.6	88.3	16,418	575
Pine Brook Farm	3	119.0	82.8	16,231	574
Debra Stoudt	B3	19.1	82.8	15,926	574
Nelson Sensenig	B3	49.2	88.0	15,917	574
Mark G Hoch	B8	64.6	88.5	15,669	574
Ro Ria Farms	B3	231.6	91.7	15,500	572
Ronald Weyer Holst	B3	58.9	84.7	15,827	567
Elam G Hoover	B3	78.1	88.3	14,729	565
Harold Dietrich Hol	B3	32.6	90.6	16,615	562
Debra Stoudt	4	8.2	85.2	12,278	562
Poplardrive Holstein	B3	44.9	88.2	14,638	561
Richard Schlegel	B8	63.6	86.8	15,631	561
Glenn R Harnish	B3	146.5	83.6	15,493	560
James Phillips	4	4.8	87.8	11,001	560
Donald E Landis	3	131.0	88.8	15,643	556
Ronald L O Neil	B3	48.3	87.4	15,278	555
Albany Farm	B3	34.8	85.4	15,517	554
John Newswanger	B3	78.4	88.8	16,640	550

Snyder Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

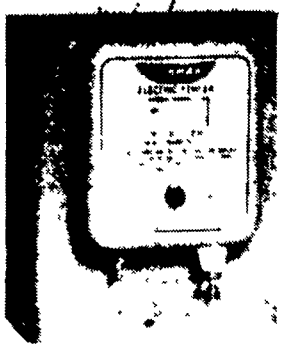
MAY 1988

Name	Breed	No. Cows	% In	Days Milk	Milk Lbs.	Fat Lbs.
Sauderdale Farm	B3	50.2		90.4	21,353	807
Tim-Laurie Hackenberg	3	43.0		86.4	21,214	800
HL Narehood & Sons	B3	57.8		90.7	19,720	790
Glenn & Barb Carper	3	53.8		87.8	21,873	786
D&N Hornberger	B3	28.5		90.7	22,356	778
Pasture Green Farm	3	38.7		86.3	20,664	769
Urie & Dan Yoder	3	51.9		86.3	21,245	768
Jesse J Yoder	B3	64.5		90.8	20,671	764
Randolph A Hoffman	3	31.4		83.0	21,874	760
David Apple And Son	B3	58.5		88.9	19,390	756
David T Ulmer	B3	55.0		84.4	20,658	747
JL & CL Shaffer	3	37.7		86.9	20,163	744
Joseph & Grace Blank	B3	54.3		86.1	20,789	738
Fisherdale Farm	B3	69.1		92.7	19,281	725
Michael & Deb Ewing	B3	40.9		87.4	19,598	707
Mabarbil Farms	3	98.0		90.6	18,022	688
Ronald B Reich	3	45.6		87.3	19,011	677
Sheldon & Sue Shaffer	G3	34.6		85.4	18,280	672
Alvin M Oberholtzer	B3	26.8		87.7	18,582	672
Tim + Arlene Yoder	3	36 0		89.5	17,791	667
Kenneth Alderfer	B3	39.1		87.6	18,733	664
Clayton R Graybill	3	49.2		87.9	16,569	652

PARMAK PRECISION TRADEMARK OF QUALITY SINCE 1937

Made in U.S.A.

1987 MAGNUM 12 SOLAR-PAK MODEL



Parmak Technology Brings You This Powerful, Low Impedance, Advanced 12-Volt Fence Charger... With Ferrite 100% Solid State Inverter Circuitry With Built-In Performance Meter.

Magnum 12 Solar-Pak eliminates battery recharging, thereby saves your time and money. The Sun's energy charges the fencer by day, and a sealed 12-volt battery powers the fencer at night.

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- UL listed
- 12-volt Gel battery warranted 1 year

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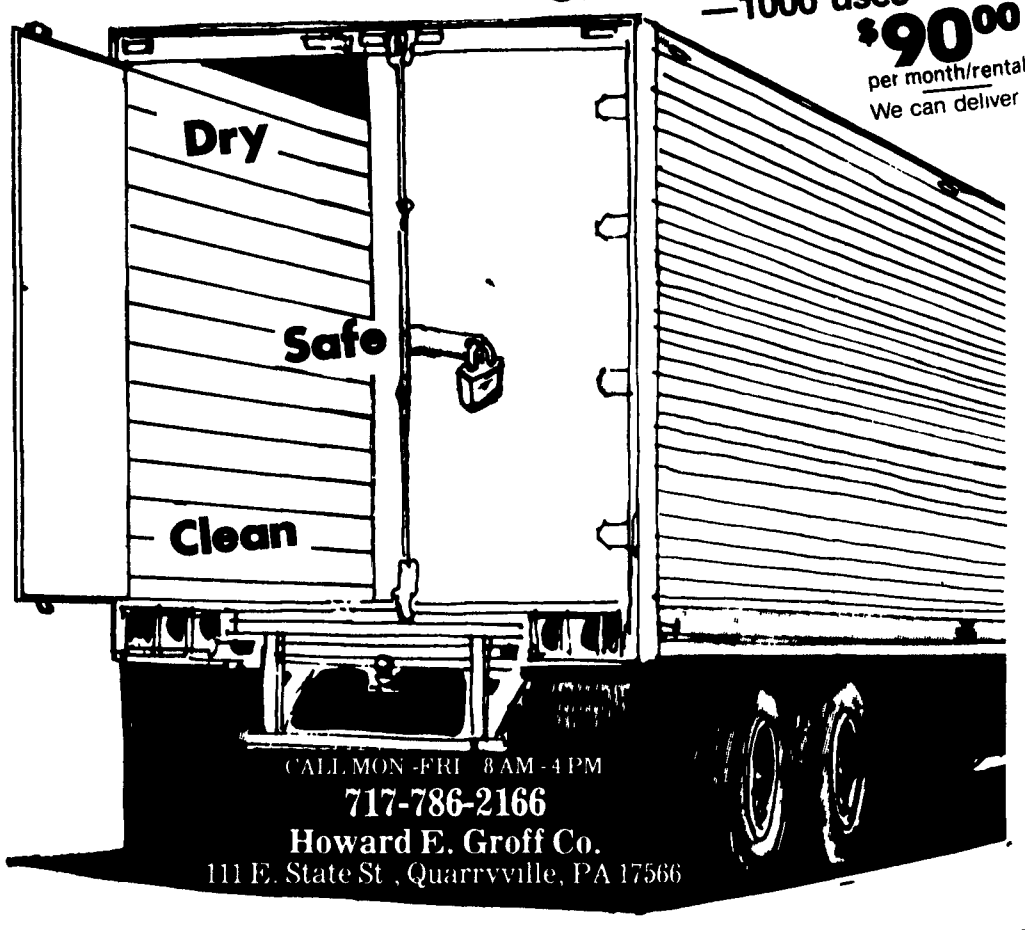

CALL MON-FRI 8 AM - 4 PM

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Howard E. Groff Co.

111 E. State St., Quarryville, PA 17566

Sire Power Acquires New Bulls

TUNKHANNOCK (Wyoming) — Sire Power recently acquired several bulls to enter the GOLD Sire Development Program. They are:

Singing-Brook Fancy Bell

Singing-Brook Fancy Bell-ET 2052756 is sired by Bear-Bath Fantastic, a genetically superior bull with +448M +.25% +60F +$124, 91% Repeatability.

His dam is Paclamar J Belal Minuet, EX(90). She was specially selected because of her outstanding type and production with a top record at 4-10 305 days of 23436M 3.9% 918F, a cow index of +1136M +.07% +54F +$154. She is sired by Carlin-M Ivanhoe Bell.

This bull was bred by Singing Brook Farm of Imler.

Berkline Rotate Riptide

Berkline Rotate Riptide 2047889 is sired by Arlinda Rotate, a genetically superior bull with +1740M +.09% +79F +$230, 99% Repeatability.

His dam is Berkline Tradition Rowenda, VG(86). She was specially selected because of her outstanding type and production with a top record at 3-8 305 days of 27273M 3.5% 965F, a cow index of +1260M -.02% +41F +$140. She is sired by Sweet-Haven Tradition.

This bull was bred by Lewis W. Berkley of Berlin.

Pen-Col Unityvilles Ar Forward

Pen-Col Unityvilles Ar Forward 2051996 is sired by Arlinda Rotate, a genetically superior bull with +1740M +.09% +79F +$230, 99% Repeatability.

His dam is Lylehaven Valiant Fruitful-ET, VG(85). She was specially selected because of her outstanding type and production with a top record at 2-2 305 days of 18643M 3.5% 648F, a cow index of +1233M +.01% +46F +$143. She is sired by S-W-D Valiant.

This bull was bred by Edwin Kitzmiller II of Unityville.

Woodbine-K Disney

Woodbine-K Disney-ET 2044030 is sired by Whittier-Farms Ned Boy, a genetically superior bull with +1060M +.10% +56F +$153, 82% Repeatability.

His dam is Northcroft Ella Elevation, 4E(97). She was specially selected because of her outstanding type and production with a top record at 7-7 305 days of 44020M 4.3% 1906F, a cow index of +2184M +106F +$294. She is sired by Round Oak Rag Apple Elevation.

This bull was bred by Woodbine Farms and Romandale Farms Ltd. of Airville.

Woodbine-K Epcot

Woodbine-K Epcot-ET 2044031 is sired by Whittier-Farms Ned Boy, a genetically superior bull with +1060M +.10% +56F +$153, 82% Repeatability.

His dam is Northcroft Ella Elevation, 4E(97). She was specially selected because of her outstanding type and production with a top record at 7-7 305 days of 44020M 4.3% 1906F, a cow index of +2184M +106F +$294. She is sired by Round Oak Rag Apple Elevation.

The incentives offered to dairymen through the GOLD Sire Development Program are the broadest in the industry and are designed to reward those dairymen cooperating in the sampling and development of GOLD Sires.

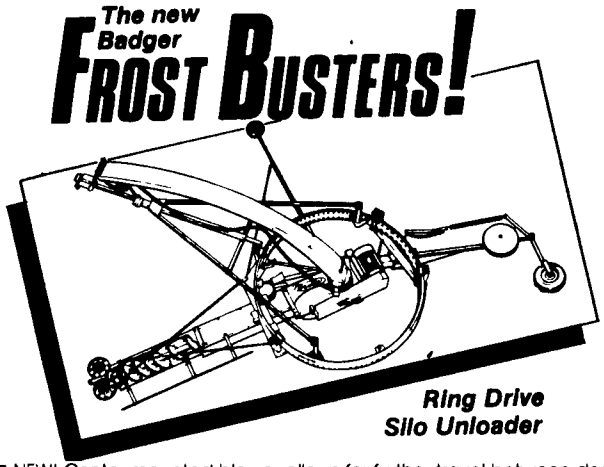
Make Sire Power GOLD sires part of your breeding program today, and have daughters of genetically superior sires for your future.

Badger
An Employee Owned Company

The Name Says It All!

$PECIAL JULY $AVING$ ON SILO UNLOADERS!

The new Badger FROST BUSTERS!



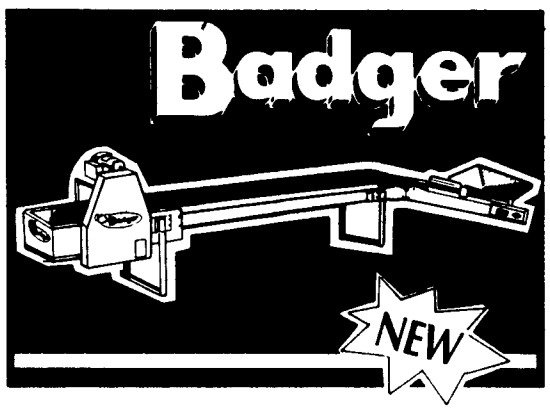
Ring Drive Silo Unloader

- NEW! Center mounted blower allows for further travel between doors
- NEW! Simple trouble-free collector ring redesigned for greater ease of service
- NEW! Vertical control guide wheel on auger s outer end adds stability when raising the unloader
- NEW! Three-year limited warranty
- High strength extra-heavy angle iron frame
- Heavy-duty double wall reinforced drive ring
- Super tough chipper wheel shaves silo wall clean
- Rugged 10" auger with heat treated Zinc Dichromated knives and double flighting on outer end

Badger FROST BUSTERS!

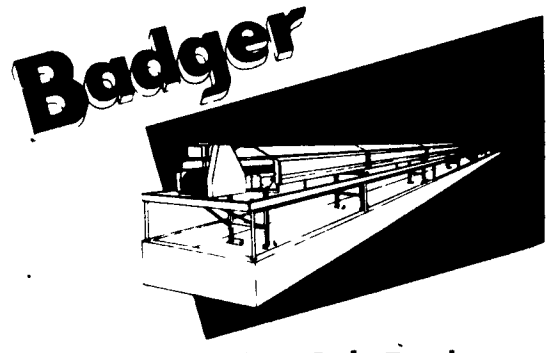
Pack Drive Silo Unloader

- Center-mounted blower allows for further travel between doors
- Simple, trouble-free collector ring redesigned for greater ease of service
- Quick installation and low cost, the ideal replacement unit
- High strength, extra-heavy angle iron frame
- Rugged 10" auger with double flighting on outer end, equipped with heat treated Zinc Dichromated knives
- Heavy-duty chipper wheel shaves silo wall clean



16" Belt Conveyor

- Specially designed for high volume, bulky feed delivery
- One-piece concave trough
- Choice of smooth, rough textured or chevron belt
- Low maintenance low horsepower requirements
- Moves over 45,000 lbs per hour



New BN 6000 Belt Feeder

Let Badger solve your feeding problems with the new heavy-duty BN 6000 Belt Feeder/Conveyor. It's the perfect combination of Badger strength, simplicity, toughness and common sense plus all this:

- Single motor drive for both belt and plow
- Heavy-duty drive unit stands up to tough conditions
- "Flow-thru" plow handles over 65 bushels of feed per minute
- Snub roller design reduces belt slippage
- Three feeding levels from manual to fully automatic
- Select feed individual rations to different groups of cattle

See us today and we'll show you how to maximize profits with the Badger BN6000

We Offer A Full Line Of Equipment With Financing Or Leasing

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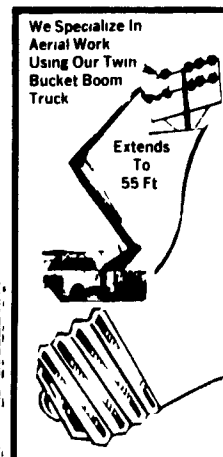

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Penn State Initiates State-Wide Drought Information Service

University Park, Pa. (Centre) — The continuing drought is starting to create huge problems for farmers, growers and even home gardeners in some areas of Pennsylvania. In response, Penn State's College of Agriculture has initiated a drought management information service on PENpages, its state-wide electronic communications network.

Faculty are preparing drought management information about crop and livestock management, alternative sources of feed and forage, irrigation practices and ways to minimize the stress on home gardens and landscape plants.

"Faculty in all academic departments will be contributing information for farmers and agribusinesses as long as drought conditions continues," says Dr. Donald Evans, assistant dean for Penn State Cooperative Extension. "We plan to expand and update the information system weekly," he says. Evans is coordinating the state-wide project.

Notes and news already on the network include dairy and livestock nutrition, how to balance rations, how to best use feed grains and forages under drought conditions, supplements for feed grains and forages that have suffered drought damage, as well as cultural practices for agronomic crops. Users also will find questions and answers concerning agricultural economics, to help farmers and agribusinesses make harvesting decisions such as whether to sell crops and use the income to buy forages or to use crops as feed.

The public can access this information directly by connecting to PENpages by modem or they can ask for specific information by calling their Penn State Cooperative Extension offices in the county.

The College also is using the drought management service on PENpages to send up-to-date information about state and federal drought relief programs and lists of feed and forage suppliers to all county extension offices. Agents then will be prepared to help clientele select the appropriate options to reduce their losses.

For more information about the drought-management information service, contact Dr. Evans at (814) 863-3437.

PENpages is a computer-based library that includes information on subjects such as nutrition, animal health, parenting and gardening. It carries daily and weekly market reports for livestock, grain and hay; national agricultural news; Pennsylvania Department of Agriculture plant and livestock reports; and research and extension notes from the College of Agriculture. Most Pennsylvania residents have toll-free access. Contact your local cooperative extension office for a free PENpages User Guide for access instructions and the telephone number you should call to participate.

Record Number Of Farmers Insured Crops In 1988

WASHINGTON, D.C. — More than 370,000 of the nation's farmers bought multiple peril crop insurance in 1988, a 19% increase from the previous year and an all-time high for the seven-year-old crop insurance program (based on estimates from a recent survey of companies by AACI).

"Considering that most of these producers acted before there was evidence of a drought indicates that the crop insurance program is taking hold in the farm country as a financial risk management tool," according to E. Eugene Gantz, executive vice president, American Association of Crop Insurers.

The sign-up deadline in most parts of the country was April 15, generally well before the drought conditions set in.

Preliminary estimates show that 65-70 million acres will likely be protected by crop insurance this year, compared with 62 million in 1987. Protection in force, the amount of actual insurance written in 1987 totaled more than $6 billion and will probably increase even more in 1988. However it's still too soon to know how much the increase will be.

"These are producers who didn't want to wait for the federal government to come along with a handout," says Gantz. "They acted in a businesslike manner to protect their own farms and their own families from possible disaster." The Congressional disaster task force realizes this too, as they have mentioned numerous times. They have said that any additional aid that is approved must complement the actions of growers who took the initiative to protect themselves with the timely purchase of crop insurance

"Crop insurance may not be the most glamorous program in which the federal government is involved," says Gantz, "but the steady pace of the program's acceptance over the years shows the wisdom of having a program available that combines the best of government and private enterprise in delivering protection to farmers." In 1988 protection was available to most commercial growers of 40 different crops across the U.S.

The Federal Crop Insurance Corporation (FCIC) has indicated there will be no program changes in 1989 for most crops, beginning with those that are planted this fall. This will give insurance agents and farmers a chance to finalize policies early for next year. In fact, the best time to sign up for fall planted wheat is right after harvesting is completed for 1988, while the yield records are still fresh in the mind.

"This summer has once again taught us that farming is a highly risky business," says Gantz. "It's also teaching many farmers the value of crop insurance as a risk management tool, especially at a time when Congress is not as free with disaster assistance as it used to be."

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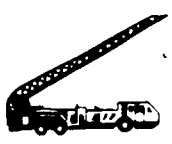

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Pre-Harvest Combine Preparation Ensures Good-Condition Crops

RACINE, WI — Harvesting clean, good-condition corn, soybeans or grain for storage or sale depends on using a well-maintained, properly adjusted combine.

The following is a header-to-graintank checklist that will help ensure that a combine is ready to harvest that which is as free of dirt or damaged grain as possible.

Cutter Bars

Cutter bars and all other grain header components should work together to ensure a smooth crop flow. A smooth crop flow allows threshing and separating components to work at peak efficiency. Problems at the cutter bar often create problems of crop flow to the threshing and separating areas.

Inspect the cutter bar's knife guards, hold-down clips and knife sections. Replace worn parts to prevent ragged cutting, poor cutting and to ensure a good clean shearing action at the cutter bar.

Reels

Coordinate the reel speed, reel height and forward-rearward adjustments to ensure good crop flow. These adjustments may be hand set before harvest or adjusted as conditions warrant.

Inspect the settings on the reel before harvest to make sure the settings are appropriate for the crop and the crop conditions expected. If the combine is equipped with an on-the-go adjusting mechanism, test it for proper operation.

When using a pickup reel, replace broken and worn-down tines and adjust the tine pitch to the best setting for expected crop conditions.

Header Augers

Correct auger to header-bottom clearance makes for a smooth flow of crop to the feeder chain, increases auger capacity and prevents grain damage.

In grain crops where very little straw is being brought into the header, do not overlook the use of auger flight extensions to improve crop flow to the feeder housing.

Inspect the auger drive, slip clutch and speed setting to be sure the auger will operate evenly without stopping or shattering the crop.

Header Level

Carefully check levelness of the header; an unlevel header will not respond correctly to ground contour changes or cut standing crops uniformly An unlevel header may leave low-hanging grain in the field. A level header will recover more grain.

Corn Heads

A properly adjusted corn head creates a smooth crop flow that helps prevent damaged corn and leaving corn in the field. Inspect the gatherer chains and gatherer drive components; adjust or replace worn components. Adjust or replace worn stalk roll knives as needed. Check the stalk roll spacing, slip clutch adjustment, weed knife sharpness and stripper shield adjustment to ensure all ears are picked and not damaged.

Feeder Housing

Inspect the feeder housing for worn parts, proper slip clutch operation and feeder chain tension. These checks will help prevent excessive wear and breakdowns, help ensure good material flow from the header to the threshing area and help produce clean, undamaged grain.

Threshing and Separating

All components of the threshing and separating system should be inspected for wear and proper operation. Check for any dirt, rodent nests or rodent damage that may have occurred since the after-harvest combine cleaning.

Replacing worn threshing parts is one of the most important steps toward clean, undamaged grain. It is equally important to adjust the clearance between the concave and the threshing rotor in order to match crop conditions.

Rotary threshing mechanisms should be checked for wear and proper adjustment on the impeller blades that bring the crop and air into the threshing process, the rasp bars that thresh the crop, and the separator bars that agitate and separate the seed from the crop residue.

To adjust the concave clearance, turn the ratchet handle until the concave indicator is at the appropriate setting for expected conditions. Setting the rotor speed to the proper rpm for the crop conditions affects crop threshing and separation, which can affect grain quality.

Cleaning

Fan speed, chaffer sieve and shoe sieve all must work together to clean the final grain sample. The fan speed must be high enough to keep husks and straw floating, but low enough to let the grain fall through the sieves to the grain auger.

Grain Handling

Pay special attention to worn bearings or flightings on augers. Worn augers are a major cause of grain damage. To prevent grain cracking in the elevators, set elevator chains to 1/32 of an inch between chain and sprocket. Clean the grain tank of any dirt accumulated during storage and check the tank for leaks.

This checklist covers the items that should be checked to harvest cleanly and with little damage. These same adjustments also serve to cut grain losses, meaning more bushels and income per acre.

For pre-harvest engine, lubrication, tire and filter servicing, follow the recommendations in the combine operator's manual.

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Marketing Coordinator Named For Alternate Farm Crops

COLLEGE PARK, Md. — James C. Hanson, areas farm management specialist at Upper Marlboro for the University of Maryland's Cooperative Extension Service, has been assigned additional duties as marketing coordinator for alternative crops in southern Maryland.

Dr. Hanson will serve as a liaison person with county Extension agents, the Maryland Department of Agriculture and local officials to help farmers in Charles, St. Mary's, Calvert, Anne Arudel and Prince George's counties make decisions regarding alternative crop marketing.

Hanson's appointment was announced by Craig S. Oliver, director of the statewide Cooperative Extension Service. Dr. Oliver noted that the appointment is a followup to the "Capitol for a Day" visit to southern Maryland on June 9 & 10 by Governor William Donald Schaefer.

Hanson began working for the Cooperative Extension Service on June 1. He co-authors a grain market analysis for the weekly Maryland Feed and Grain Report, a newsletter published by the state Department of Agriculture.

Before starting work with the Cooperative Extension Service, Hanson was a lecturer for eight years with the Institute of Applied Agriculture, a two-year vocational training program at the University of Maryland in College Park.

Produce Hotline Serves Farm Marketers

HARRISBURG — Operators of Pennsylvania's farm produce markets can again receive pricing information on fresh produce grown within the Commonwealth, state Agriculture Secretary Boyd E. Wolff has announced.

Wolff noted that this marks the ninth consecutive summer that farm market operators have been able to obtain update pricing information by calling the Pennsylvania Department of Agriculture through the toll-free number 1/800-932-0904.

The service, which began June 16 and will continue through November 17, also is available on the Penn Pages Computer Service through local county extension offices.

"Interest in direct farm-to-consumer selling is increasing," Wolff said. "More farmers are becoming involved because it offers a higher return on their produce. Consumer interest is sparked by the opportunity to obtain fresher, superior quality, Pennsylvania-grown fruits, vegetables and eggs."

Information on prices is tallied weekly by the department's Bureau of Market Development and revised on Thursdays. The data is expanded as additional crops come into season.

The service averages more than 100 telephone calls daily.

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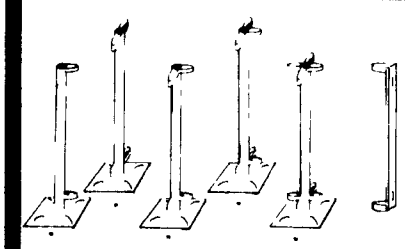

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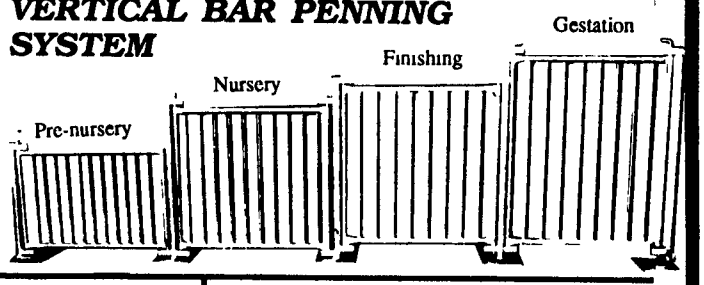

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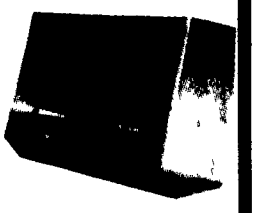

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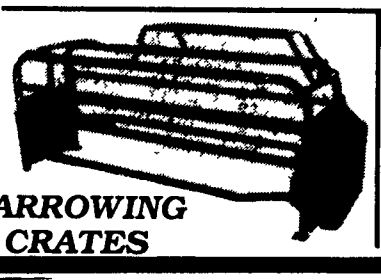

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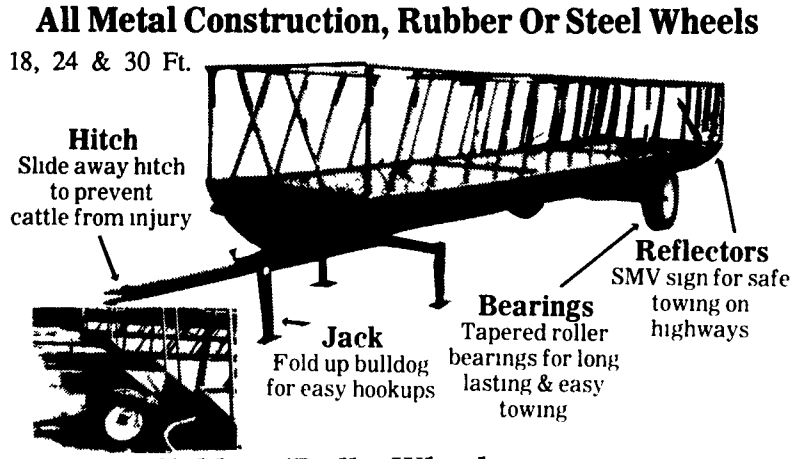

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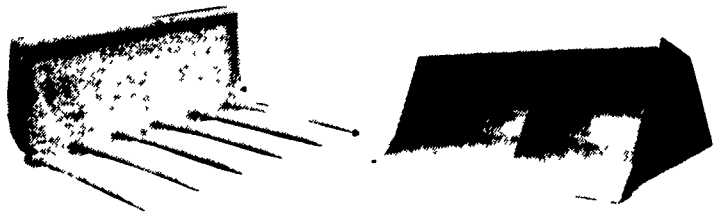

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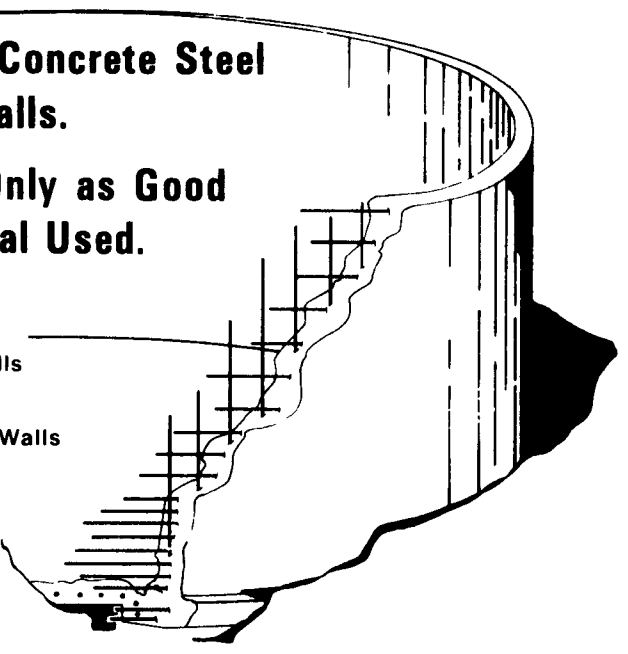

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Monthly Report

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R Galen Leatherman	B3	38.4	86.0	20,580	749
Raymond Gross	3	42.4	89.9	20,592	738
Delaware Val College	5	13.8	87.2	17,763	734
Richard O Smith	2	60.5	89.1	16,077	731
Crooked Acres Dairy	3	58.1	87.6	20,943	719
Willow Ridge Farm	3	46.6	87.2	19,492	719
David W Wurster	3	63.0	88.9	19,619	697
Paul L-Kevin Bishop	B3	65.7	88.4	19,864	697
Delaware Val College	3	39.2	85.5	19,460	691
Penrose and James	3	80.5	84.9	19,268	690
Joe & Linda Ford	B3	49.1	84.9	20,632	687
Moyers Village Farm	B3	88.6	86.2	19,643	687
James Pavlica	3	48.6	87.7	19,283	680
Joe - Linda Ford	4	2.0	82.0	13,809	678
Robert-Donald Crouse	B3	63.9	88.0	18,268	674
David R Wolfinger	3	41.6	88.0	18,598	670

COLUMBIA COUNTY DHIA
May, 1988
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Shultz Bros	3	70.1	91.6	20,285	797
Hunter Crest Farm	3	43.0	84.9	21,414	765
Richard Kriebel	B3	55.1	90.0	20,688	754
J Robert Book	B3	65.9	89.4	20,440	735
Rich+Bruce Hemsarth	2	46.9	89.2	15,336	729
Duane E Shuman	3	28.2	87.3	18,898	721
John W Turofski	G3	32.3	87.8	18,786	701
Richard Yule	3	49.6	86.8	19,601	689
James L Kline	B3	23.3	92.0	19,962	685
Valley Stream Farm	B3	64.5	87.4	20,315	681
Pen Col Farms	B3	180.4	82.2	17,011	649
Robert C Bronson	3	66.0	86.5	18,469	639
Lyons Den Dairy	B3	145.8	84.7	18,730	636
Barry L Essig	G3	24.3	82.9	17,995	635
Tri Vale Farms	B3	44.9	86.7	15,867	635
Circle C Farms	B3	33.3	84.2	16,714	634
Clyde Bartholomew Jr	B3	32.1	84.2	16,915	626
Richard Kriebel	2	7.4	88.8	13,361	624
John Stemrich	B3	29.8	87.3	16,833	620
Hosler Bros Farms	G3	104.8	86.7	15,784	616
Jay E Wise	B3	41.8	90.5	17,376	614
Faus Triple Run Farm	B3	51.7	85.7	16,927	604
Craig Fester	B3	25.0	84.9	16,293	589
Robbins Farms	G3	299.8	87.7	15,354	582
Thunder Bird Farm	B8	14.7	87.6	14,429	568
Carl R Stackhouse	B3	53.7	84.7	17,281	567
J Darwin Wilson	B3	34.1	80.6	14,978	557
Faihopity Farms	B3	69.8	87.4	15,158	550
Donald J Bowman	B3	177.7	85.6	15,870	545
Barry D Wise	B3	55.7	80.3	14,215	527
John Zaginaylo	B3	17.7	88.6	12,521	477
Al Hack	2	83.2	83.2	10,321	466
David + Terri Farr	B4	41.7	81.3	10,497	463
Thunder Bird Farm	2	43.3	84.0	8,626	388
Robbins Farms 1111	3	3-5	305	19,972	4.3	865
Pen Col Farms						
Martha	3	5-11	28	23,634	3.7	896
#Dawn	3	3-4	305	27,205	3.6	991
#I-Anta	3	2-4	305	20,272	4.2	866
Happy	3	2-8	305	24,253	3.9	966
Barry L Essig Candy	3	6-6	305	21,453	4.1	881
Duane E Shuman Letitia	3	6-3	305	19,688	4.4	881

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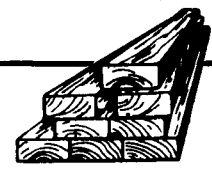

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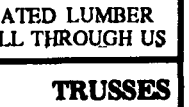

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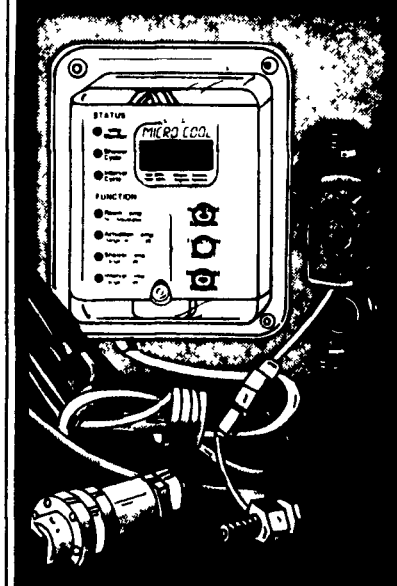

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NCGA Makes Recommendations For Drought Compensation

HARRISBURG — Governor Robert P. Casey has announced that Pennsylvania's food and agricultural exports reached a record $203.2 million for the 12-month period that ended last September.

Gov. Casey said U.S. Department of Agriculture (USDA) figures show that the state's international exports of food and agricultural products were up $34.3 million over the same period a year earlier.

The previous record of $186 million was set in 1979.

"Exports represent an important part of our effort to expand Pennsylvania's economy since, agriculture, including food production, is Pennsylvania's No. 1 industry and contributes $35 billion annually to the state's economy," Gov. Casey said.

The state currently invests $300,000 annually in promoting the sale of food and other agricultural products to buyers in other countries under a program administered by the state Agriculture Department's International Trade Division.

"This February, the department added an international trade specialist to the export division's staff," Gov. Casey said. "This was important to maintaining the momentum we've established, enabling us to contact more foreign buyers."

The USDA report showed that the largest growth for Pennsylvania was in the export of animal and poultry products, which represent nearly 70 percent of the state's agricultural and food exports to other countries.

The commonwealth's export of dairy products rose $17.2 million during the period, while shipments of live animals and meats increased $11.7 million.

An increase of $9.8 million was posted in the state's international sales of animal hides and skins. Shipments of poultry products, which account for 11 percent of Pennsylvania's food and agricultural exports, were up $6.2 million, while smaller increases were registered in sales of soybeans and soybean products to other countries.

"Perhaps the chief factor in our record gain was our improved sales efforts at international trade shows," Agriculture Secretary Boyd E. Wolff said. "This has triggered a great deal of response from foreign buyers."

In the past 12 months, the department exhibited Pennsylvania products at 14 international trade shows, and agriculture's new foreign trade specialist has just returned from a trade show in Hong Kong.

The efforts to expand exports have succeeded in the Far East, Near East, Europe and the Caribbean, Wolff said.

Examples of recent gains are the sale of bakery products to Sweden and the appearance of Pennsylvania food products on restaurant menus in foreign countries.

More Than 850 Corn Growers Join Quarter Backer Team

ST. LOUIS, MO — At some point, nearly everyone has dreamed of being the quarterback who leads his team to a major victory. And for more than 850 corn growers from 30 states, that dream could become a reality.

In this case, however, "quarterback" refers to the charter members of the Quarter Backer Coalition. And the "victory" is retaining the U.S. Sugar Program in the 1990 Farm Bill.

At stake is the market for corn sweeteners, which is worth at least 25 cents for every bushel of corn produced annually in the United States. This market is under attack by an organized group of large industrial sweetener users that want to weaken or eliminate the Sugar Program.

Members of the Quarter Backer Coalition will be working with the National Corn Growers Association (NCGA) and other allied organizations to encourage Congress and the public to keep the U.S. Sugar Program as part of the 1990 Farm Bill and until foreign subsidies are eliminated.

You don't have to be a star to be a valuable member of the team, assures NCGA President Keith Hora. "The Quarter Backer Coalition is a grassroots effort," he said. "In fact, the success of the Quarter Backer Coalition will largely depend on the involvement of a lot of concerned corn growers."

Hora is pleased with the initial response to the coalition, but he still encourages more corn growers to join the Quarter Backer team. "We're not asking for money," he commented. "We just ask for a commitment to help maintain a market worth 25 cents for every bushel of corn we produce in this nation."

For more information about the Quarter Backer Coalition, write to the NCGA, or call the NCGA Public Relations Director Larry Rus at 314/275-9915.

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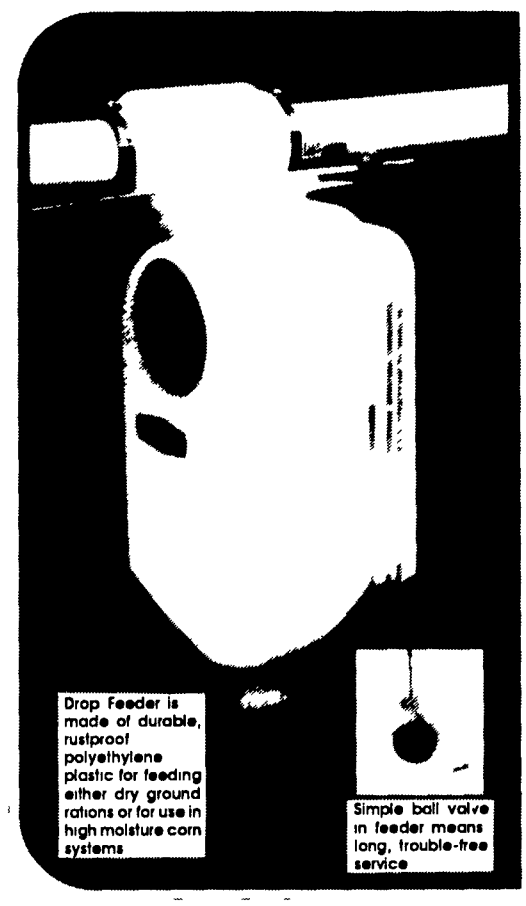
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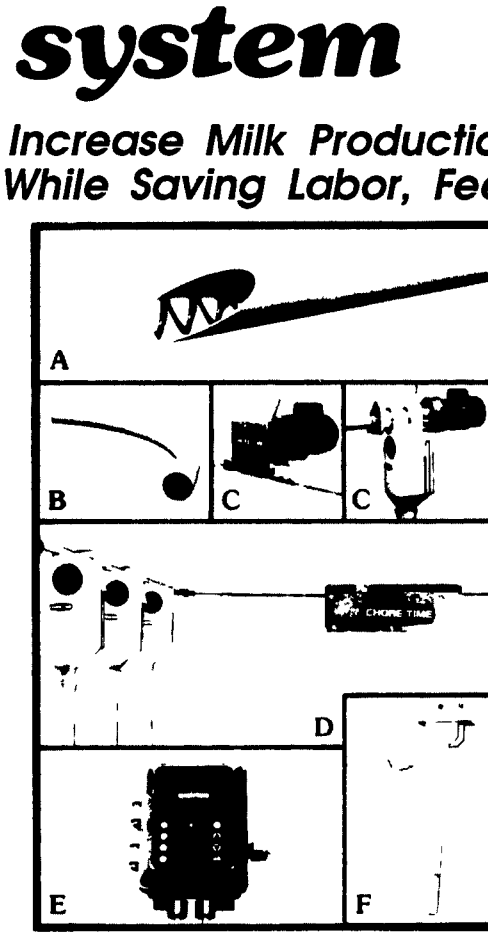

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Shorthorn Association Names Builders Of Breed

OMAHA, Ne. — Dr. Roger Hunsley, executive sectreary-treasurer of the American Shorthorn Association, Omaha, Ne., has announced the 1988 Builders of the Breed. They are: Alfred and Darrell Ippensen, Bowen, Il., and Plymouth, Il., respectively; Hale Charlton and Jim McCollum, Quincy, Ca.; Doug Schrag, Marion, S.C.; Bill Smithers, Pittsfield, Il; Herbert Symington, Neche, N.D.; Merl Welch, Urbana, Mo; and Paul Wharton and Sons, Arlington, Tx.

The honor, established in 1945, is awarded to seven shorthorn breeders selected by their peers who have contributed greatly to the promotion of the breed throughout the past year.

The Ippensens

Alfred and Darrell Ippensen, father and son, operate Ippensen Polled Shorthorns and DWI Shorthorns, respectively.

Alfred started his herd in 1939 when he purchased a bred heifer from Elmer Crossland of Bowen, Ill. The first sire that began to lead his herd to prominence, WF Red Wonder x, was purchased in 1968. Then in 1973 he brought the first Canadian Image cattle to the United States, included in the purchases were Cromellar Super Max x, the 1974 All-American and Illinois State Fair Grand Champion bull, and Cromellar Image Seal x, sire of former National Champion Spruce Hill Image x. In 1977 he purchased Shannon Magnificent, the first Irish Shorthorn bull registered through the American Shorthorn Association. Some of his daughters are still in Ippensen's herd today. The herd bulls at Ippensen Polled Shorthorns are co-owned by George Slater of nearby GK Farms.

Alfred also uses artificial insemination (AI) in his herd, which he tries to maintain at 30 head, through the services of CC Prince x, GR Old Hickory x and Mandalong Super Flag.

Alfred is a member of the Illinois Shorthorn Association and Hancock County Beef Improvement Association. He has served as director of the Illinois Polled Shorthorn Association, sales manager for the Western Illinois Shorthorn Association, assistant beef superintendent of the Illinois State Fair and beef superintendent of the Hancock County Fair. His community acitivities have included: Hancock County Fair Board director where he served five terms as president, Farm Bureau director, member of the Augusta Lions Club and formerly president, Hancock County supervisor, former 4-H leader, FFA Foundation contributor and head usher at Augusta United Methodist Church. He was named Illinois Breeder of the Year in 1977. Ippensen showed during the late 1970's and early 1980's, after taking a four year break, he has returned to the show ring.

Alfred and his wife, Betty, have passed the Shorthorn tradition to their son, Darrell. They also have a daughter, Donna.

Darrell's interest in Shorthorns started with a heifer purchased as a 4-H project. The heifer produced Bonnie's Princess, an All-American named national champion at the 1978 National Junior Heifer Show. She was shown 23 times as a junior calf and junior yearling and was defeated only once in her class. Like his father, Darrell is active in the show ring. Recently a number of his appendix steers shown have been named champion over all breeds.

DWI Shorthorns branched off from Ippensen Polled Shorthorns in 1980, however they still maintain herds together. DWI also uses the services of GR Old Hickory x and CC Prince x through AI, as well as Spruce Hill John x, one of his father's herd sires.

Darrell is a former director and past president of the Illinois Junior Shorthorn Association, as well as a past recipient of the Don Longley Memorial Scholarship presented by the National Junior Shorthorn Association. He is currently a member of the Illinois Shorthorn Association, Illinois Beef Association, National Cattlemen's Association, president of the Hancock County Beef Improvement Association and active in the SPR (Shorthorn Performance Records) program through the American Shorthorn Association The western Illinois University graduate is also involved in many community activities including Augusta Lions Club, member of the Hancock County Fair Board, Hancock County Ag Extension Council and a member of Augusta United Methodist Church.

J & H Land Company

J&H Land Company, owned by Hale Charlton and Jim McCollum, is the result of a lifetime friendship. The two men, who have been friends for 35 years, were successful in the logging business before they decided to venture into the Shorthorn business in 1978.

Over the past 10 years J&H has built their reputation with strong influence from such herds as Suterland Shorthorns, Cates Farms and Frosty Acres Shorthorns. One of the most influential factors that has recently contributed to J&H's success has been the purchase of CC Cujo x, currently one of the most sought after sires in the country.

Besides maintaining the purebred herd, which includes over 175 cows, J&H is also active in the commercial bull trade with 350 heifers on hand.

Charlton and McCollum are both active in the California Shorthorn Association, where Charlton is currently vice president. They have both served as voting delegates at the annual American Shorthorn Association meetings for several years. J&H Land Company hosted the California Picnic as well as a field day following the Pacesetter Revue held in Reno, Nv. last April, where they served as one of the major organizers of the elite event. They are also active in the SPR program through the American Shorthorn Association.

Both men are active in community affairs including a number of state associations for loggers where each have held offices and served as board of directors. McCollum was also appointed by the governor to serve on the State Board of Forrestry. Both are strong supporters of 4-H. They have occasionally supplied 4-H'ers with Shorthorns for their beef projects and hosted an all-breeds steer sale for 4-H members.

Jim and his wife, Alene, have three grown children: Carol, Keith and Paula, who operates the ranch at Redding, Ca. Hale and his wife, Shirley, also have three grown children; Kerry, Ellene and Walter, who operates U Bar U Shorthorns, Beckwourth Ca.

Doug Schrag

Doug Schrag is a third generation Shorthorn breeder following in his father's and grandfather's footsteps. His 900-acre operation includes 450 acres of cropland. Sires used in the 135-head cow herd have included Sutherland Ransom 520 and AF Dividend's Impact, who has led the nation for yearling weights in the American Shorthorn Association Sire Summary for the past two years. Dividend's Impact is also one of the nation's leading AI sires who has produced many winners and top sellers. He was the fifth place Sire of the Year in 1985 and third place in 1986.

Schrag has done performance testing on his herd since the early 1960's. He is the SPR program through the American Shorthorn Association. His operation has had successful commercial bull sales for the past 22 years and the fall of 1987 marked his first production sale, which had the third highest average in the nation.

Schrag is a member of the South Dakota Cattle Improvement Association and South Dakota Shorthorn Association where he has held several offices. He is currently on the board of directors of the American Polled Shorthorn Society, serves on the board of directors of the American Polled Shorthorn Society, serves on the National Bull Test and SPR committee and has been a voting delegate at the American Shorthorn Association annualmeetings. Community activities have included involvement in 4-H providing beef judging classes and assisting with county and state fairs. He has hosted an annual picnic and field day and has held elective positions at his church for the past 15 years.

Schrag credits his wife, Candace; two children, Tammy and Cory; and parents, Paul and Ada, for making Schrag Shorthorns a success.

Bill Smithers

Bill Smithers is also a third generation Shorthorn breeder. His grandfather started the herd in 1910. In 1947 Bill bought his first registered heifer. Today the 1,000-acre grain and livestock operation includes 110 cows. He has incorporated AI into his breeding program and has used the services of such sires as Mandalong Super Elephant, AF Dividend's Impact and IDS Improver.

Although Smithers has not specifically bred his cattle for show, they have done well. For instance a steer purchased by G.W. Taylor of Oklahoma that won 12 out of 14 shows went on to claim the Supreme Champion title at the 1986 Oklahoma State Fair. On the rail, the steer placed seventh out of 180 entries. Also Smithers' grandsons, twins Travis and Mike, showed the top two out of three class winners at the 1987 Illinois State Fair steer show.

Smithers has been a member of the Tri-County Shorthorn Association, where he has held several elected positions. He has also served as a director of the Illinois Shorthorn Association and past president of the Missouri Shorthorn Association. The former county fair beef superintendent has judged several shows and fairs, provided 4-H judging classes and hosted several picnic preview shows. Smithers is also a member of the American Legion where he served as commander and is a township auditor.

Highland Farms, which has hosted production sales during 1979 through 1983 and in 1986, includes Bill and his wife, Kate, who served on the Illinois Lassie board of directors, the women's auxiliary of the American Shorthorn Association. The couple have four children: Greg, Debbie, Cindy and Chuck; who were all active in 4-H while growing up. Debbie served as a Lassie queen for Tri-County in 1968.

Sons Greg and Chuck help with the operation, and Greg and his wife, Pam who is also active in the Lassie organization, are passing their Shorthorn interest onto their four sons (including the twins) which will result in fifth generation Shorthorn enthusiasts.

Herbert Symington

Herbert Symington of North Valley Shorthorns previously operated a Milking Shorthorn herd of 24 cows from 1947 to 1968. He started a beef Shorthorn herd in 1970, which now includes 50 cows. Symington is in operation with his son Lyle. They farm 700 acres, consisting of wheat, barley, oats, corn, alfalfa and pinto beans.

Sires used have included a Deerpark Leader son and Guinness through AI. Hilltop Mick R7 'J.R.' was purchased in 1983, which made a great impact on their herd. Currently their senior sire is Cadillaction, a son of J.R., while their junior sire is Granada Gallagher, a son of Seven T's Greg.

Herbert is a member of the North Dakota Shorthorn Association where he has held a number of elected positions including president and he served as a board of director on the American Polled Shorthorn Society. He has judged local and state sales, as well as performed extension work for 4-H. He has been active in his county livestock association, North Dakota Stockmen's Association and National Stockmen's Association.

Merl Welch

Merl Welch of Green Ridge Shorthorns got his start in the Shorthorn business with a 4-H project for his two children, Kathi and Brad. The herd, known then as Lake Fork Shorthorns, was located in Illinois.

After purchasing the bulls Hub's Impact Two and Columbus x, Green Ridge Shorthorns began to make an impact on the breed. Then in 1977, Welch was one of the first in the industry to embryo transplant (ET). Several All-Americans and champions have resulted from the Green Ridge ET program, which Welch continues to use in his herd production. Some of the top sires that have been bred there include: AF Dividend's Impact, 3W Payoff x and GR Old Hickory ET x. Green Ridge is also active in the appendix program. Familiar names are Paydirt x, Dreamboat x and Masterpiece x have resulted.

Welch has been a strong supporter of the Junior Shorthorn programs. He is currently a board member of the Missouri Shorthorn Association and the American Polled Shorthorn Society, a director of the local Cattlemen's Association and member of the Missouri Cattlemen's Association. He is a former board member of the American Shorthorn Association. He and his wife, Eileen, have five grown children: Sherri, Kathy, Brad, David and Michael.

The Whartons

Paul, Paul R. and Wilson Wharton make up the firm, 3W Shorthorns, which has been in existence since 1966. Like Green Ridge Shorthorns, 3W originally started as a youth project. Two Shorthorn heifers that were FFA projects were allowed to graze on some of the area's most desirable real estate in Dallas-Forth Worth. The ranch is now located on 640 acres where the current herd numbers 100 mother cows. The firm, managed by family members including Paul's wife Loyce and ranch manager Jerry Willis, has successfully pursued an embryo transplant program for the past four years. Sires currently in use in the program include 3W Payoff, Evergreen Seville, 3W George Strait and 8BS Hopes Prime Time.

Paul Wharton and sons has had high visibility in the show ring and have shown a number of All-Americans. In 1986 the family hosted the annual Texas picnic as well as supported many junior activities.

The senior Wharton is currently vice president of the American Shorthorn Association, as well as on the board of directors of the American Polled Shorthorn Society. The director of the Texas Shorthorn Association has also served as a voting delegate to the annual American Shorthorn Association meetings. An architect and real estate developer by profession, Paul Sr. has also been very active in community affairs, including a member of Arlington City Council, director of Arlington Quality of Life Foundation, a member of the board of directors of first Republic Bank and member of the First United Methodist Church board.

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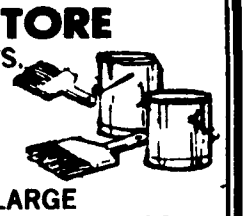

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Manure Application Methods Covered At Penn State Field Day

UNIVERSITY PARK (Centre) — Many farmers don't have the facilities to store large amounts of manure, so they often apply manure to crop land even when crops won't be planted for several months. Large quantities of manure and inadequate storage and handling facilities account for a high nitrogen loss and subsequent impact on the environment.

Research has shown that about 40 percent of the nitrogen in manure can be lost through ammonia gas loss. So manure should be incorporated into the soil immediately after spreading to reduce nitrogen losses. Even when incorporated, manure nitrogen can be lost by leaching into groundwater or converting into forms that are available to crops.

Penn State agronomists are doing field studies to find techniques that will minimize nitrogen losses from manure applied in the fall. Farmers can see the site of one of those field studies and learn about minimizing nitrogen losses at the Western Pennsylvania Tillage Field Day on July 20, at the Robert Smith Farm, Alexandria, Pa., from 9:30 to 3:30.

The study on fall-applied manure focuses on three manure management practices: incorporation into the soil to reduce ammonia volatilization, cover crops to scavenge and hold residual nitrogen and nitrification inhibitors to keep nitrogen in a less mobile form.

Commercial exhibits, educational displays and machinery demonstrations will also be included in the field day. Tours will focus on areas such as small grains and soybeans, manure use, erosion management and corn tillage systems.

The field day is sponsored by Penn State Cooperative Extension, USDA Soil Conservation Service, the Pennsylvania Forage-Grassland Council and various Pennsylvania agribusinesses.

For more information about the Western Pennsyvlania Tillage Field Day, contact agronomist Doug Beegle at (814) 863-1016, or call your county extension office.

USDA Agencies Team Up To Improve Water Quality

LEESPORT (Berks) — Two USDA agencies, the Soil Conservation Service (SCS) and the Cooperative Extension Service (CES), are joining forces to work with farmers and ranchers to improve the nation's water quality.

Extension Administrator Myron D. Johnsrud and SCS Chief Wilson Scaling have agreed to jointly develop technical recommendations for nutrient (fertilizer) and pesticide management to reduce surface- and ground-water pollution. Water pollution is caused by many sources. USDA agencies will continue to work with farmers and ranchers to help them to minimize adverse effects on water quality that might be associated with agriculture.

"The CES has identified water quality as a significant national issue," said Johnsrud. "We look forward to strengthening our long-term cooperation with SCS in water quality programs at the national, state, and county level."

"It is important," according to Scaling, "That USDA agencies speak with one vote when making recommendations to farmers. The real test will be to assist producers with technical alternatives that are both effective and practical and which reduce the potential for water pollution."

SCS, in cooperation with conservation districts, provides technical assistance to individual farmers and ranchers on resource planning and conservation practices.

CES interprets and transfers food and agricultural research information and recommendations through public education.

Under the agreement, the two agencies will jointly develop recommended conservation practices and guidelines to address water quality issues. These recommendations and guidelines will be based on the local soil and climate conditions. Optimal application of nutrient and pesticide management practices will benefit water quality.

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Super C Farmall tractor & cult., 65 Chevy grain truck w/dump body; 3 pt. Ford cult. 301-482-8452.

1984 Tempo 4 dr., PSPB auto., red Am-Fm radio, 75,000 mi., 4 new tires, good cond. $2700. York Co. 717-741-2215.

MF #10 baler, exc. cond, owner manual, MF 3 pt subsoiler, portable loading chute Carroll Co, Md 301-848-4736.

1966 Ford F800 5 sp, 2 spd, body good cond, engine needs piston Will trade for lg air compressor Lanc Co 215-445-4667

Combine, Massey-Harris clipper 7' w/VF4 Wisc engine, good cond $525 OBO York Co 717-292-6163 or 717-292-4677 Eves

Ford 250 disc 8½' wide, good shape, same as Oliver 252 $1000 Lanc Co. 717-733-4263.

Kitchen cabinets w/ dishwasher, single sink Lanc. Co. 717-442-4536.

Sawed locust post $3.90, farm & fence paint $7; roofing, siding red, green, 2½ "x27½ "x20' corrugated $17.40. Lanc. Co. 215-445-6885.

Hand hewn joists 22' long Ephraim G King, 50 Heyberger Rd, Quarryville, PA 17566.

1987 Suzuki RM 80, exc cond, hardly used $800 Also 3 pt. hitch cultivator After 5 p m, 717-627-4152

Wheat straw baled out of field. Lanc Co 717-442-4842

Forklift H-D air tires $2600, Minneapolis moline front end loader $3500, 67 Int 22' roll back $6500 609-629-6596

2 5 mo. Corriedale rams, reg. top quality. Kin Farms, Ohio. 215-689-4133.

Australian Shepherd & hound pups, exc. companions. Black, black & white, black, brown & white $10. Schuylkill Co 717-648-4484.

Allis-Chalmers WC $375; AC WD45 $800; Farmall 560 gas w/IH MTD corn picker $3200. Franklin Co 717-264-1360.

4 mo old Angora goat buck $75. Leb Co 717-866-2853.

38' long steel trusses, 4 ea Make offer Perry Co 717-438-3425 or 717-527-4696.

2 8 3x24 4 ply turf tires $50/ea 1 7 50x16 3 rib front, new $35, 3 6 00x16 reg tire, $10/ea Lehigh Co 215-756-6103

Nice home for summer or retirement, exc. fishing, hunting, near state park, short drive to state college Reasonable priced 717-543-5273.

Pony wagon under cut rear side seats rails Ararety race harness, pace hobbles. Negotiable. Leb Co 717-272-6819.

Mature Nubian bucks; sale, lease; trade for does Con Brio nubians. Forest Hill, Md. 301-692-5274.

1970 C-60 Chevy truck, 14' dump grain body, $7500 Bedford Co. 814-784-5815

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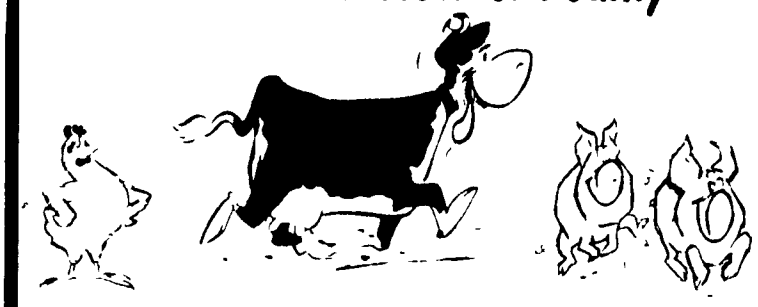

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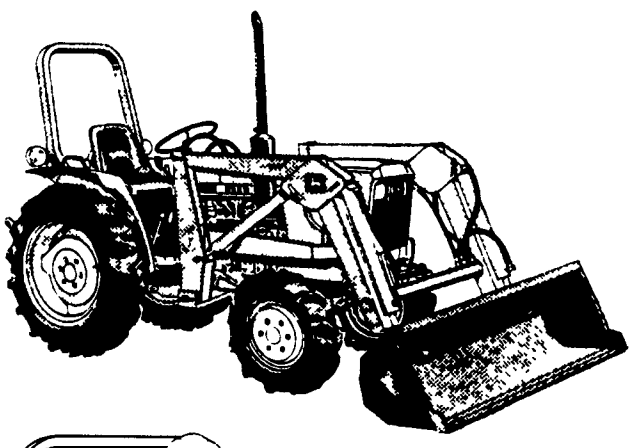
John Deere Diesel Headquarters Summer Clearance



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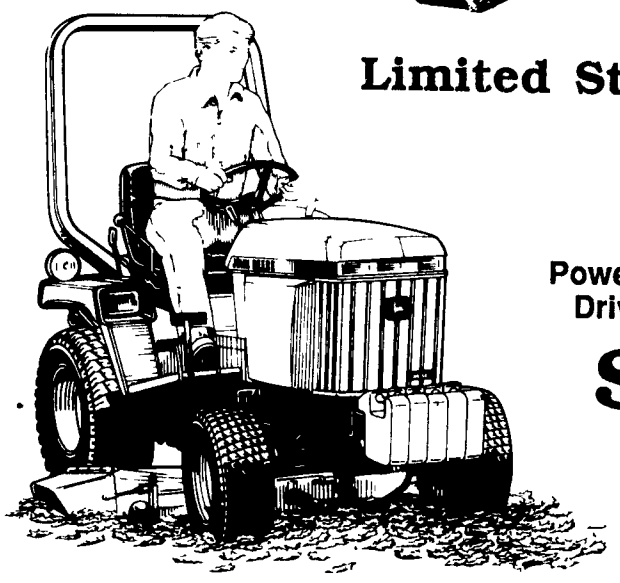

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1984 1822 dsl Grasshopper 18 HP Kubota dsl engine mower 52" cut w/ blower & bagger, 800 hrs , exc cond $3895 Lanc Co After 6 30 p m , 215-445-7996

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Troy Bilt roto tiller 6 horse w/ bumper $645, good cond. Berks Co. 215-929-4928

Hay elevator $105; Continental power-plant $25; GMC rear axle 2-spd. w/ tires $100, sickle bar mower $60 301-775-7324.

Tame work horses, good with children, works anywhere, 4 yr Harvey Hoover, Star Route, Box 5, Terre Hill, PA 17581

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Int 2-14" bottom trail plow, hyd $60.00 Two 1 HP 3 phase motors $15 00 each Perry Co. 717-834-3882

15 cu ft chest freezer Dog house for large dog Baker wood stove. Dauphin Co. 717-944-7328 after 5 pm

7 ft Ford flail mower. 1961 Jeep Small gas range Lanc. Co 215-445-6841

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Hand hewn barn beams 17' long, 7x9 approx York Co After 6 p m 717-432-3653

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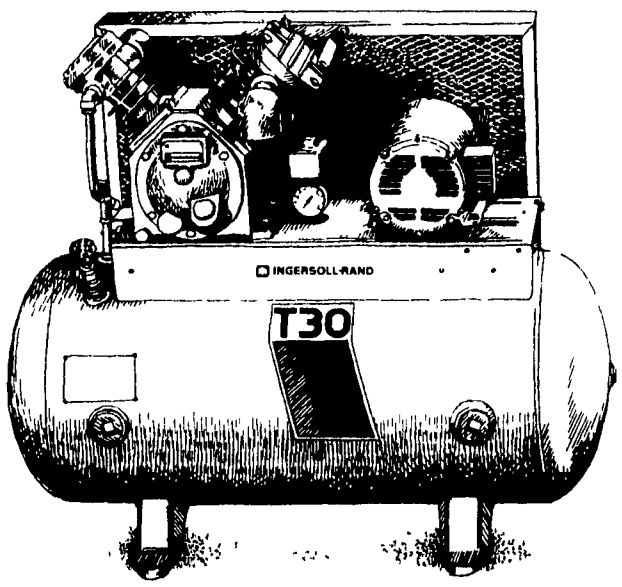
Snow blade for Super C $375 Complete cab, hitch unit for Super C or 20 $375 Howard Co 301-489-4993



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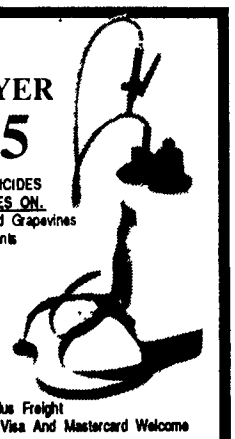

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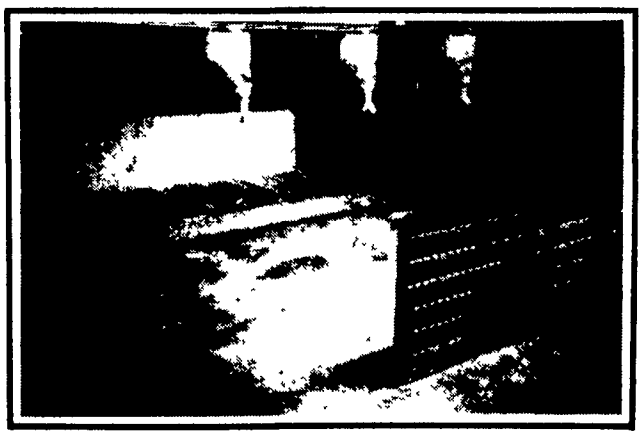

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1981 Mustang 43,000 miles, exc cond Dauphin Co 717-692-3934

Used Haban 5' side mounted mower, good cond, fits Power King tractor Perry Co Call weekdays 8-5, 717-789-3117

Gorman Rupp PTO irrigation pump, 4x4 fair cond, $850 Union Co No Sun calls 717-922-1135

Ear corn, oats, Angus stock bull, 6'x8' cattle trailer, 2 14 9x28 tires, 85% tread 3 pt 12' lnt. harrow Sch Co 717-945-8815.

3 pt 55 gal drum sprayer w/ boom, complete, includes manual, good cond, $200 Luzerne Co 717-384-2245

Day old & older guineas, silkies, Polish bantams Also dwarf rabbits Berks Co 215-582-2587

E R Model shopsmith needs motor, (6) 17"x24" parlor floor grates, 16"x8' asbestos sheets, 7'x10' shed suitable for hogs or sheep Dauphin Co Eves 717-367-2637

1976 4 horse stock trailer w/ elec brakes & current inspection, good cond $2500 Cumberland Co 717-776-4971

18" gutter grates 105', 1 hay rack 5x5, 2 milk strainers, 1 32 lb. milk pail Lanc Co 717-354-6163

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Int 7 shank chisel plow, John Deere 1240 corn planter, both like new condition, Acorn barn cleaner Franklin Co 717-369-2553

4 yr old carriage horse, traffic safe, $600 Aaron N Hoover, 363 Glenbrook Rd, Leola, PA 17540

Overhead garage door 10'x10' exc cond, $125 Lanc Co 215-445-4971

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4 yr old Standardbred carriage horse, traffic safe & sound Paul Hoover, RD#1, East Earl, PA 17519

Slate barn roof, some good ones about 50'x70' Paul B Stoltzfus, 405 Peters Rd, Gordonville, PA 17529

John Deere 30 combine in good cond Fulton Co 717-485-3665

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200 ton 1st cutting mixed hay in 3'x4'x8' bales $75/ton Berks Co Eves 215-562 2551

Wheelwright for AC tractor fit BC or WD 45 like new $50, negotiable Eves 717-587-1307

'63 JEEP, runs, needs body work, $450 OBO Lanc Co After 5 p m, 717-397-1186

Open front carriage w/hyd brakes, fiberglass body, $1550 John Kauffman, 261 E White Oak Rd, Paradise, PA 17562

2840 JD exc cond w/turbo & radial tires 717-664-2105

Reg Hampshire ewes & rams York Co. 717-741-2222

NI 325 picker narrow 12 roll bed works like new $4875 Corn drag $175 NH 273 baler & kicker $1475 640 Ford tractor $2575 717-354-0266

3000 gal domed end tank 5'x21' about 5/16" to ⅜" thick Lanc Co 717-627-0009

2 horse tobacco sprayer, poly tank, hollow cone nozzles, motor, $300 Also cult mounted hoers Benj Fisher, 138-A Colonial Rd., RR1, Gordonville, PA 17529

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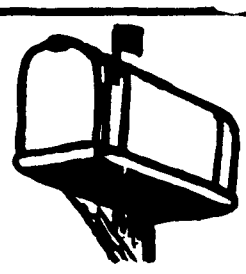

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MAILBOX MARKET FOR SALE

4' port. Lanc silo fan w/ Kawasiki engine Collie pups Levi Z Fisher, 520 Cains Rd, Gap, PA 17527

Teacher's desk, good cond., $25. Melvin Zook, 12 William Run Rd, Christiana, PA 17509

Goat platforms/stanchions steel & wood constr, 7 units, all fit together $50 for all Berks Co 215-286-9676

Cox 3000 lb trailer $300, Ford 501 sickle 7' Pitman mower w/extra knife & guards $275 Berks Co 215-488-7423

1952 Ford farm truck, grain sides 12' dump bed, recent insp, runs good, 21000 GVW. York Co 717-757-4238

Cast iron bathtub w/lion feet, small cast iron water trough Lanc Co 717-665-2513.

Standardbred carriage horse, 6 yrs. old, traffic safe, $700, 1740 Case skid loader dsl on steel Lanc Co 717-859-3456.

Steel tractor wheels 11" wide, 52" High 30" centers $175. Lanc Co 215-445-6825.

6 HP Troy Bilt rototiller, w/ bar tread, Hiller furrow, & row marked, recoil start $680 Cash Lanc Co 717-354-7984.

40 Case Eggomatic packer $600 OBO. 500 new hart seals $30 & other misc parts. 717-927-9217

Tobacco wagon ladder 18' long; milk can, 5 horse power engine 717-354-0616.

Ford 8N Red Belly tractor Runs good After 5 pm, 717-432-4340

Mott 6' hammer knife, flail 3 pt mower, like new $1100 OBO 6' rear blade, new 3 pt. $190 Dauphin Co 717-652-5412

Irrigation pipe 4"-6"x20'-40' Irreco, Matheson, Wosco, Moorerain 3' risers Rainbird #40-70 sprinklers Hale 50-BB high pres PTO pump Glouc Co., NJ Eves. 609-435-0683

Several Charolais bulls from chunky & long to sky-high, A-I selective breeding certified & accredited herd Clearfield Co. 814-345-5981.

Manuals IH crawler TD-18, T-9, TD-15, TD-24; A-C "M" parts book $14.50 ea M-M "U" parts $10. Lanc Co 717-859-3374.

JD 3' 2-row cult, JD #999 corn planter, Van Brunt 8-hoe grain drill steel wheels, JD 10"x24" nm w/ tire Adams Co 717-677-7786

30' elevator (needs motor) $100, JD 24 baler, 3 bot plow, cultipacker, Xmas tree transplanter Bucks Co 215-968-4457

Massey Harris pony tractor w/belly mower 6 yr rebuilt, good shape $1100 OBO Call early or late, 215-775-3638

Delaval pipeline 1½ glass for 52 cows $1000 WANTED high moisture corn Leb Co 717-949-3134

Reg Thorobred chestnut filly, 5 yrs, gentle in every way, ELX conformation, ideal cross country, $850 Chester Co 215-932-3139

White Eskimo pups Amos F Beiler, 2096 Mine Rd, Paradise, PA 17562

Bank barn 40x60 with attach shed 30x40 Must be removed by Aug 31 Lyc. Co 717-546-5716

New 5' bot canvas Allis-Chalmers 6" combine, $75 York Co. 717-266-3223

Suburban (brand) gas clothes dryer (good cond.) $50; belt pulley att. for Farmall Cub (new) $50. Lanc Co. 717-569-3879.

Gorman Rupp irrigation pump w/Ford ind engine DeLaval manure pump 717-786-3740.

Continental, 6 cyl ind engine, self-contained, good tractor eng or drive for accessory, skid mounted 8 am-5 pm, 412-287-6374

Gleaner E combine w/12' header $2400 Also 32'x6" grain auger w/hyd motor $650. Columbia Co 717-458-5959

60' windmill, 12by24 old slate, glass lined hot water tank Lanc Co 717-354-9613

2 female Angora goats, tobacco sprayer on steel, also top buggy $850 Columbian cookstove Lanc Co. 717-354-5039

Gorman Rupp 3" PTO irrigation pump, good cond. Also #1 fir lumber 3x10x20' .35 ld ft. 717-354-9370

Durand Wayland apple bagger, 35' cull line for fruit or veg. grader. Adams Co 717-642-5230.

8' blank manure pump 4½ yrs. old, fair cond $650 OBO. Lanc Co 717-354-8594.

NH 280 string baler w/ thrower, exc shape Salem Co, NJ 609-358-3657

Jointer 8" Boice Crane 7' bed 4 blades, ball bearing head, 1½ hp cabinet base w/chip chute Bucks Co 215-679-2749

3 pt 2 row cult $200, 2 Maytag wringer washers $150-$300 Newark, DE 302-738-5116

Lg. assortment wire bound crates, lg quantity, best offer for lot WANTED 24" rear wheel wgt Chester Co 215-269-3494

1948 Willys Jeep pickup snow plow, incl ex radiator gener engine dismantled, restorable $450 OBO Lehigh Co 215-298-2353

8N Ford tractor, completely rebuilt, new paint, exc cond $2600 Also, late model 8N $1900 717-784-1779

Int Cub 154 lowboy tractor, exc cond 5' belly mower, 3 pt hitch turf tires $2695 Leb Co After 5 pm, 717-865-5307

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Two 18.4-34 tires in good cond Side panels, screens, and hoods for 4020 JD JD #6A forage harvester, grass head. Hunt Co 814-669-9210

Organ with AGO pedal board (32 pedals) preferably Allen-Tioga Co 717-659-5297.

Brady field stalk shredder, 5 ft., 6 ft. or 7 ft width give price and cond Write to G Gary Nemeth, RR 1 Box 215, Hopewell, NJ 08525

Looking for an economical piano in good working order John G Landis, RR 1 Box 1918, Three Springs, PA 17264

2" discharge hose, can have hole in it Sch Co 717-754-7812

Crawler loader, JD 350 or similar size that's in good shape & priced right York Co After 5 pm, 717-225-1245

Colored guinea pigs. Jonas R Beiler, 765 New Holland Road, New Holland, PA 17557.

12" or smaller, horse drawn sulky plow, single bottom Col. Co. Eves 717-683-5155

General farm help Large central Virginia veg farm operation. Tractor exp a must Also farm manager, exp a must 804-263-5966.

One 1950-1954 VAC Case tractor w/hyd Eagle hitch. Should be in running cond After 6 p m, 703-451-8180

806 Farmall dsl engine or block Parts tractor considered 518-692-7921

Old footed bathtub 717-529-6270

A-C WD45 tractor in exc cond Lanc Co 215-445-5918

Uebler GM15 elec grain feeding cart Also Van Dale ST-100 or similar forage mixer, any cond Lanc Co 717-548-2877

Rim for Farmall H tractor with or w/o tires Reasonable Bucks Co After 3 p m, 215-343-9061

Grass seed box for IH 5100 grain drill (21x7) should be complete or close to it 215-285-6951 after 4 pm

Two horse disc harrow with or without center tooth Monroe Co 717-629-4544

8 ft sheet metal brake, will consider any size, also other sheet metal tools York Co 717-792-9282

Help wanted to stucco part of new addition Schwenksville, Montg Co day 215-256-8111, eve 215-368-2277 after 9 pm

JD or other mfr, two to 4 row corn planter 3 pth with seed plates, in good cond., reasonably priced Chester Co 215-255-4719

Stock trailer bumper hitch, 16 ft -6 ft 6 inch high Good cond Columbia Co. NY 518-329-1653.

Ford 3 pt hay rake, mod 14-72 for parts Need stripper 607-698-4676.

65 HP and up tractor, good cond, reasonable price, Westmoreland Co 412-593-2924

3"x6"x16' & 3"x6"x18' tobacco rails wanted Elam S Beiler, 12 South Ronks Road, Ronks, Pa Lanc Co

Reg female fox terrier, 6 mo to year Cumb Co 120 Hickorytown Rd, Carlisle, Pa 17013 or phone 717-249-4015

Refrigerated van or refrigerated box for back of pickup truck, good working order Snyder Co 717-694-3224

6 ton feed bin Write to Melvin Zook, HC 01 Box 151, Rebersburg, PA 16872 Centre Co

Western riding saddle for 4-H student Donate or reasonably priced. Lanc Co after 8 p.m. 717-665-4170

Structo toy trucks any cond, Martin Rishel RD 1 Box 82, Spring Mills, Pa 16875 814-364-9333 or 814-238-4957

Old pickup truck, late 30's to early 50's Ford or Chev body, must be good, engine not important Eves 215-584-6975

Christian family desires farmhouse to rent in exchange for chores around farm Lanc Co 717-653-8611.

Small place in the country on about 1 Ac of ground, or would rent ½ or 1 house in country Willing to help part-time on farm 717-738-0349

Unfarmable corner in Lanc Co 1 or 2 Acres 717-569-5958

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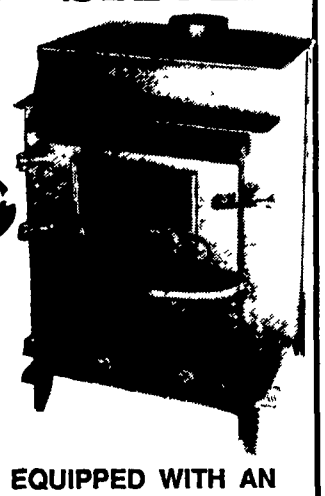

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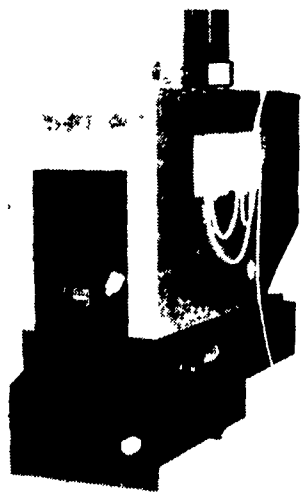

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Thoroughbred horses to board Broodmares, turnouts, rehabilitation, training Reasonable rates Vanning avail 609-261-9455.

12 farrowing crates must be in good cond James Reiff, Box 769 RD#4, Ephrata, PA 17522

1981 Mazda engine 120 cu in Lanc Co 717-367-0874.

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Free dog box and run - suitable for one or two dogs, call after 5 Lanc Co 717-733-7855.

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4 Acre building or gardening plot with 12x60 mobile home. Approximately 5 miles East Lanc. Airport Auction listed July 26, 7 P.M. Lanc Co 717-665-5848

Sale Reports

CONSIGNMENT SALE

A Public Auction of antiques and collectibles was held June 27 at the Mt. Bethel Fire Hall, Route 611, Mt. Bethel, Pa.

Some prices received were: early decorated dower chest w/tulip & star decoration $475, halfback bench $375, 6 decorated pillowback plank seat chairs $110 ea., early bunfoot jam cupboard $250, oak hallrack $500, Chippendale style china closet $300, Fox Sterlingworth 12 gauge shotgun $1325, .270 Remington rifle w/scope and carrying case $450.

Robert C. Teel was the auctioneer.

CLARK SALE

A Public Auction of real estate was held June 27 by Fred E. and Elizabeth A. Clark, 62 Poplar St., Intercourse, Pa.

The 2½ story house on a lot was sold for $123,000.

The auctioneers were Ron Funk and Gordon Ressler.

RIBBLET SALE & OTHERS

A Public Auction of antiques and collectibles was held at the Barnhart Brothers Auction Barn, Stoystown, Pa. to sell paperweights from Herman Ribblet home of Johnstown and other items.

Some prices were: glass paperweights $25 to $125 each, set of paper mache Red Riding Hood & Wolf $600, cherry corner cupboards $1000 & $800, carousel horse $1800, 2 bedroom suites $400 each, maple chest of drawers $1325, dough tray $210, deacons bench $420, dry sink $425, spinning wheel $380 and plank bottom chairs $40 each.

Merle Mishler was the auctioneer.

PALMER SALE

A Public Auction of duck decoys and antiques was held July 2 by Mr. and Mrs. Hugh Palmer, Valley View Lake Road, Millville, Pa.

Some prices received were: early Chippendale tall chest of drawers $3900, drop leaf stand with 3 drawers $1400, 7 sterling tumblers $40 each, linen tablecloth $70, brides chest $130, Windsor chair $490, cast doorstop (flower basket) $50, ceramic dog $40, candle snuffer $19, antique copper coffee pot $105, Chesapeake Bay canvas back decoy $80 and John McClocken black duck decoy $100.

Donald E. Hock and George J. Henry were the auctioneers.

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On the premises along the road from Denver to Sinking Spring, North Ridge Road, Reinholds, West Cocalico Twp., Lanc. Co., Penna.

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Commercial Shop Equipment, Heavy Duty Trucks & Trailers, Hand & Power Tools, Office Equipment, Fork Lift Parts, Diesel Engines
Auction Site: 2 Mi. South Of Pine Grove, Pa. Along Rt. 443. Just Off Exit 31 Pine Grove Interchange, Interstate 81.

9:00 A.M.- Jacobs Portable Air Compressor, Jacobs Air Compressor Without Motor, ¾ Ton Utility Tire Rack Service w/ Tank & 50 Ft. Hose, Motor Mixer, Shelving, Iron Work Bench, 4 Cyl. Diesel Engine, Snatch Blocks, Overhead Door Lifts, Lincoln Welder, Hydraulic Jacks, Electric Hack Saw, Keystoker In Good Cond., Assorted Lights, (3) 35 Gal. Oil Pumps, (18) 3 Ft. x 8 Ft. Alum. Windows & Frames, 14 Ft. x 16 Ft. Overhead Garage Doors, (20) Sets Forks For Forklift, (4) Forklift Overhead Guards, (4) Forklift Uprjghts, (2) Complete Elec. Lift Trucks, (6) Steel Push Carts, Shop Cart, (10) Hydraulic Contfol Valves, Jib Boom, (4) Continental Diesel Engines, Box Lift Parts, (2) Gas- Light Plant, Large Welder, Air-Cond. Unit For Truck, Rebuilt International 8 Cyl. Engine, Large Winch, (2) Ton New Nuts & Bolts, (3) H.D. Steel Benches, 55 Gal. Alum. Fuel Tank, New 2 Ton Hoist, Used 1 Ton Hoist, (6) 5 Gal. Grey Paint, (3) Complete Clark Rear-Ends, Complete Towmotor Rear, (5) New Fuel Tanks, (50) Drill Bits & Cutters, (10) H.D. Sets Of Lift Chains, (10) Metal Desks, (3) Clothes Racks, (41) Forklift Pneumatic Tires, (5) Sets Forklift Tilt Cylinders.

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1:00 P.M.- Heavy Trucks & Trailers.

1980 Ford Tk. F350 Cab & Chassis, 1980 Ford Tk. F-700 w/12 Ft. Flatbed Dump, 1979 Morman Silver 92 Tk. In Exc. Cond., 1978 Ford Tk. F-600 w/20 Ft. Flatbed In Exc. Cond., 1978 GMC Tk. 5000 Model 8 Cyl. In Good Cond., 1977 Ford Tk. F350 Cab & Chassis, 1977 Louisville 9000 Model Tag Axle Cab & Chassis, 1974 Ford Tk F-350 Cab & Chassis, 1964 GMC T-Tag Dump Tk., 45 Ft. Flatbed Trailer, 26 Ft. Fruehauf Dump Trailer In Good Condition.

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Auction By:
GEORGE MOTTER,
Owner
Phone: 717-345-4717

Auction Service Of:
Your Auto Auction, Inc.
Jonestown, Pa.
Auctioneers: Ben Nolt,
Roger Myers- Pal. #AU-000653-L
CLIP AD - ONLY APPEARANCE
REFRESHMENTS

ROTH AUCTION
Tractors; Orchard Equip.; Riding Mower; Antiques
Friday, July 22, 1988
at 4 PM
6 miles W. of Schnecksville, one mile E. of New Tripoli, turn S. off Rt. 309 at (Hamm's Drive Inn Restaurant & Northwestern H. School), go ½ mile to stop sign, then left ½ mile to Farm, Lehigh Co., Pa.

Tractors & Orchard Equip.
Int. 300 utility tractor w/TA & fh; Ford 9N tractor w/lo range; Ford 3 pt 2 - 14" pl; 3 pt harrow; 7' disc; Myers 3 pt 100 gal air blast sprayer; engine driven weed sprayer; 50' hy p sprayer hose; 3 pt; post hole digger; Wayland fruit grader w/picking table & Trescott #10 brusher; 3 pt blade; spinner type fert spreader; 3 pt scoop; Sunmaster 80" offset rotary cutter; 3 pt two r culti; four wheel trailer; 1000 lb. platform scale w/Detecto attach; asstd. ladders; Willson apple crusher-cider press plus 13 commercial cider cloths; picking bags; strawberry crates; 2200 nice ½ bu. peach baskets; 100' bu. baskets; pruning tools.

Riding Mower
Simplicity 14 hp mower w/48" deck.

Antiques & Household Goods
10 pc. Depr. DRS (nice); 3 pc. Walnut marble top BRS w/tear drop pulls; Victorian love seat; sm. marble top table; Othello kit wood stove; Hotpoint antique elec. range; 2 refrigerators; asstd. tables & chrs; 9'-6" handmade over head fireplace log; child's iron crib; green slag glass light; stone milk pitcher w/cows scene; Fiesta service for 12 dinnerware set; Johnson Bros. coaching scene service for 12 dinnerware set; ironstone platters; stoneware jugs & crocks; orange Carnival grape & cable hat pin holder; 3 pc. butcher ladle set; ci iron muffin maker & Griswold pans; wicker basket jugs; one dz. metal egg crate; 2 gal. milk can; brass spittoon; shaving mugs; pic frames; canning jars; iron flower stands; Neuweiler's, Red Raven, Piels & other beer trays; library table; fernerys; 12'x15' BR rug; 15'x15' LR rug; 14'x18' DR rug; one horse sleigh.

Misc. Items
4000 watt gen; single wheel trailer; new water ram; p mowers; lawn sweeper; chn saw; Hallock potato digger; (500) 9"x18" roof slates; 50 gal. drums; wdn. barrels; 3 German scythes; three wheel bicycle; 4 life size reindeer & choir boy outdoor Christmas scenes; commercial deep fryer; 40 gal. h w heater; new commercial clam steamer; poultry equip; 1¼ " Oak planks & other asstd. second hand lumber; plus many items not mentioned.

NOTE: Mr. and Mrs. Roth have lived on this farm a long time, have accumulated many nice & good things, and have now sold their farm. Please come & share this day w/ them.

Terms--Cash or Acceptable Check
For
BLASSIUS & EDNA ROTH
Conducted by
Ralph W. Zettlemoyer Auction Co., Inc.
215-395-8084
Pa. License #AU-001809-L
Refreshments by Lions Club

Lancaster Farming
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Please give us 3 weeks advance notice. Cut label from current paper and attach in space provided; write in your new address below. Changes will be made as close to requested date as possible.

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NAME_____
STREET ADDRESS_____
RD#_____ BOX#_____
CITY_____ STATE_____
ZIP + 4_____ COUNTY_____

Sale Reports

SENSENIG SALE

A Public Sale of real estate and antiques was held July 2 by Clarence S. Sensenig and Miriam E. Sensenig at 177 Kurtz Rd., Earl Twp., Lanc. Co., Pa. There were 500 registered bidders at the sale.

The 7 acre farmette with an orchard, a double 2½ story sodded dwelling, 3-car garage, workshop and aluminum-sided barn was sold for $185,500 to John J. Nolt of New Holland, Pa.

Other prices were: Ferguson #20 tractor $745, Ford 9N tractor $590, Fairbanks gas engine $100, orchard sprayer $270, fiddleback plank-bottom decorated settee $650, 2 oak dressers $170 ea., chest of drawers $105, yellow-ware mixing bowl $50, Allertones blue willow dinnerware dinner plates (9 for $255), 9 dessert plates $85, 10 butter plates $110, vegetable dish $75, signed watercolor bookmark by Magdelene Wanner $160, "History of New Holland" book $105, No. 14 Griswold Frying pan $145, Ingram schoolhouse clock $115, bracket light $85 and Valentine Andes iron trough $100.

T. Glenn, Timothy G. and Thomas A. Horst were the auctioneers.

WEISS SALE

A Public Auction of antiques and household goods was held June 25 by Bill and Maryann Weiss, 230 Good Road, New Providence, Lancaster Co., Pa.

Some items sold included: Snow White tapestry $55, oak wall telephone cabinet $205, Thomas Edison phonograph $220, early Thomas Edison phonograph $400, Edison horn $47.50, old Singer treadle sewing machine $115, drop leaf table w/ drawer $150, brass bed $140, rope bed $120, parlor stove $170, Roseville vase $57.50, pink Kellogg's measure $44, Sharon pink dinner set $200, Seth Thomas mantel clock $57.50 and Banjo clock $80.

Roy C. Probst and Eric R. Probst were the auctioneers.

BEACH SALE

A Public Auction of antiques and rugs was held June 29 for Mr. and Mrs. John Beach, Fairfield, Pa. at Redding Auction Service, ¼ mile north of Gettysburg, Pa.

A car LN 1987 Ford LTD Crown Victoria LX - 4 door - V-8 from the Theodore "Ted" McKenrick Estate, Gettysburg was sold for $13,200.

Other prices included: corner cupboard w/arched door $5600, corner cupboard with flat top & glass doors $4150, old schoolmasters desk $275, marble top washstand $280, mahogany secretary $290, small railroad lamp $600, Grandfathers clock w/ moon dial &.2 weights $4500, hanging light w/ prisms $400, eagle mirror (in pieces) $270, small Oriental rugs up to $330 each, little canoe $500, Cub lowboy tractor w/rotary mower $3100, Portapowers up to $210, pipe threaders up to $140, tap & die set $170, Starrett gauges $100 per set and portable air compressor $160.

The auctioneer was C. David Redding and 374 people registered for the sale.

ABSOLUTE AUCTION

44.7 ACRE FARM & PERSONAL PROPERTY

241 W. Ridge Road, West Nottingham Twp., Southern Chester Co., Pa. Just 1 mile off Route #1 bypass 2 mi. s. of Nott, Pa. & 3 mi. N. of Rising Sun, Md. 5 miles from I-95, 30 miles from Lancaster, Wilmington, Del. (Several Amish farms close by.) Sale on Premises.

SATURDAY, AUGUST 13, 1988

Starting At 10:00 A.M.
Real Estate 1:00 P.M.

We will have openhouse on July 21 - 12 to 4 PM

Farm has 3 BR dwelling, small barn, poultry house, other buildings, (once in a lifetime opportunity).

TERMS: 10% down, bal. in 60 days.

Also same day - 18 Tractors - #600 Ford truck, Frick sawmill, antique farm items, etc. Full list July 30, Aug. 6.

For All Info: On Farm - Call 215-932-3883.

Above list for adv. purpose only. No guarantee authenticity or recourse. Not resp. for accidents. Lunch Served.

TERMS: Cash or Check w/ID.

By Order:
ELMER E. JANNEY
Owner

Whiteside Auction Service
215-932-2291 or 2114
Auctions, Appraisals, Removals
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Peter J. Weygandt, Attorney

"Our Service Pays, Not Costs"

PUBLIC AUCTION

WEDNESDAY, JULY 20, 1988

9:00 AM

York Vo-Tech School, 2179 South Queen Street, York, Pa.

Located: Off Interstate 83 at Exit 6 - South Queen Street.

10 In. Table Saw, Brake Drum Lathe, Headlight Tester, Hydraulic Jacks, Air Jack, Front End Alignment Rack, Power Hack Saw, 12 Lathes of Various Sizes, Drill Presses, Surface Grinder, Shapers, Hardness Testers, Compressor, Welding Wire, Spool Guns, Shop Cranes, Distributor Tester, Wheel Aligner, Armature Lathe, Crankshaft Grinder, Grease Gun, Oscilloscope, Electrotech Scopes, Sig Generators, Cylinder Resize Machine, Presses, Scuff Gauge, Sandblaster, Band Saw, Mesh Fench, Snow Fence, Cyclone Fencing.

Drawer Files, Refrigerators, Shelving, Barrell Trucks, Ice Machine, Dental Chair, Tables, Desks, Chairs, Computers, Terminals, Keyboards, Calculators, Copiers, Duplicating Machine, Electric Typewriter, Movie Projector, Labeler, Postage Meter, Microfilm Reader, Record Player, Court Steno Machine, Drying Rack, Galley Rack, Stands, Plus 100's of Items Too Numerous To Mention.

TERMS: Cash or Good Check. Full Settlement Sale Day.

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
PA Lic. #761

PUBLIC AUCTION

Carpeting, Kitchen Cabinets, Millwork, Paneling, Siding, Bathroom Vanities, Windows, Hardwood Flooring, Bathroom Fixtures, Urethane Insulation

THURSDAY, JULY 14, 1988

AT 10 AM
ON PREMISES
FLEMINGTON BUILDERS MART-RT. 202
FLEMINGTON, NEW JERSEY

(1 MILE NORTH OF FLEMINGTON CIRCLE, RT. 202 SOUTHBOUND SIDE)

CARPETING: 2,826 Yds. Commercial, Residential & Grass Indoor/Outdoor, Full & Partial Rolls, All Colors, $5 to $20 Per Yard Goods.

SIDING, LUMBER, PLYWOOD, PANELING: 9,800 SF ½ x 6A Cedar & White Pine Beveled Siding, 5,000 SF Shakertown Cedar Shingle Siding Prefinished Natural Cedar Tone, 1,430 Pcs. Plywood ½ " to ¾ ", 1,660 Pcs. Paneling, 3,800 LF Cedar 1x6 & 1x8 Siding in T & G and Channel, 100 Pcs. 4x8x¼ " Mahogany Plywood, 60 Pcs. 4x6x3/8" to 5/8 Finland Birch Plywood, 94 Pcs. Sheetrock 4x8 & 12 & 3/8" 460 Ctns. Wood Planking, 176 Pcs. Marlite Paneling, 25,000 bf Urethane Roof Insulation 3'x4' & 4'x8'.

LUMBER: 42,480 BF Hem/Fir in 2x4 to 2x10 in 8' to 20'.

KITCHEN CABINETS: 408 Base & Wall Units by Aristokraft & Excel in Raised Panel Oak, European Style in White & Almond, 55 Vanities, French Vanities & Medicine Cabinets.

PLUMBING & BATHROOM FIXTURES: 20 Assorted White & Colors Plumbing Fixtures including Toilets, Sinks & Bidets, 121 Fiberglass & Acrylic Tub/Showers & Showers, 20 Fiberglass Laundry Tubs.

HARDWOOD FLOORING: 3,220 SF 1x3 Teak, 13,660 SF 1x3 Oak, 6,640 SF ¾ "x4" to 6" Prefinished Oak Plank, 16,280 SF 6"x6" & p"x9" Chicksaw Parquet, 4,600 SF 12x12 Bruce & Teak Parquet.

WINDOWS: 94 Vinyl & Aluminum Clad, Casement, Picture in Asst. Sizes 6'x8', 60 New 36" Insul Glass Skylites with curb.

DOORS: N140 Fir 1-3/4 French & Panel Insulated Doors, 42 Oak & Fir Leaded Glass Entrance Doors-Many Prehung, 88 Steel Prehung Insulated Entry, 560 Asst. 6 Panel/White Pine/Louvered/HC & SC/ Doubles/Sidelites, 132 Prehung Interior 6 Panel Doors.

FLOOR & WALL TILE: 4500 SF 12"x12"x1/8" Vinyl Composition Floor Tile in White & Colors, Ceramic Floor Tile, 12,300 SF Ceramic Wall Tile.

LIGHT FIXTURES: 44 Imported Brass Light Fixtures, 120 2x2 & 4 Flourescent Ceiling Fixtures.

OTHER ITEMS: 540 Bundles Shingles, 28 Ctn. Ceiling Tile, Ceiling Grid, 440 Carded Plumbing Fittings, Wood & Coal Stoves, 2,250 Lbs. Asst. Nails, 28 Pine & Oak Stairways 6 to 14 Steps, 10,000 SF 6" Fiberglass Insulation, 100 Bndl. 18" Cedar Shakes, 36 Asst. Pcs. office Furniture-Desks, Chairs & Tables, 28 Sect. Store Fixtures & Racks, 82,000 LF WP Casing & Pref., Mldgs. Base, etc.

TERMS: Cash or Certified Check, 25% Deposit Required.

INSPECTION: 9AM to 4PM Wed. 7/13, 8AM Day of Sale.

Peter Costanzo Auctioneers, Inc
LONG BRANCH NJ 201 229-2530
UNION NJ 201 688-2552

Public Auction

SATURDAY, JULY 23, 1988

AT 11:00 A.M. SHARP

Go 6½ Miles South of Intersection Of Rts. 35 & 104 in Snyder County, Pa. on Rt. 104 to Hayes Stahl Lumber Mill (1½ Miles South of Meiserville) or Turn Off Rt. 11 & 15 onto Rt. 104 North for 2½ Miles to Hayes Stahl Lumber Mill (¼ Mile North of Green Metal Bridge). Turn West Off Rt. 104 at Hayes Stahl Lumber Mill and Travel 2 Miles to Village of Oriental. In Village of Oriental, Turn Left and Proceed ½ Mile to Barner Rd. at the Mark Delbaugh Farm. Make Right onto Barner Rd. and Travel to First Home on Right. Coming From the West Take Rt. 235 to Road Which Leads to Oriental. Watch For Signs Off Rt. 104 & 235 Day of Auction. Located Apx. 1 Mile Southwest of Village of Oriental, Juniata County, Pa.

TRACTORS - COMBINE - FARM EQUIPMENT - ETC.

IH 706 Gas Tractor with fast hitch, PS, WFE & 15-5-38 tires (good rubber); 2 pt. to 3 pt. conversion bars for 706; John Deere 620 tractor with 3 pt. hitch, PS, NFE & 13-6-38 tires (good rubber); Massey Harris #92 self propelled combine with 12 ft. header; Woods model M5 3 pt. rotary mower; Massey Ferguson model 61 one row mounted cornpicker; JD 3 pt. 3-14" mounted plows with colders; Ford 11 ft. transport disk with double action cylinder; 7 ft. 3 pt. spring tooth harrow; 9 ft. 3 section spring tooth drag harrow; IH #20 3 pt. 8 ft. scraper blade; Tandem axle PTO driven grain cart; Two wheel trailer type lime spreader; Belt driven saw buck with 20" blade; IH semi-mounted 6 ft. sickle bar mower; JD #5 7 ft. sickle bar mower; JD two row mounted cultivators; Heat Houser for JD 620; Smoker 30 ft. hay & grain elevator with Dayton ½ hp electric motor; 16 ft. grain elevator; Smoker NH gravity bin on 5 lug running gear; Trailer type field sprayer with 200 gal. plastic tank & pump; IH 6 ft. PTO driven hay crimper; Farmhand trailer type wheel rake; Two row 3 pt. Black Hawk corn planter for parts; McCulloch Mighty Mite chain saw with 14" bar; Misc. hand tools; Auto. ramps; Misc. gas cans; Pipe 3½ " inside diameter by 10 ft. long, and many more items of interest.

TRUCKS - HAY - LAWN & GARDEN EQUIPMENT- ETC.

(2) 1948 model F5 Ford trucks (second gear is out of one - the other is for parts); Apx. 400 bales of Timothy hay; Dynamark 8 hp 26 in. cut riding lawn mower; 5 hp Briggs & Stratton front line rototiller; Galvanized garden sprayer; Rubber tire wheelbarrow, etc.

HOUSEHOLD - MISC.

Chrome dinette set with woodgrain top and 4 padded chairs (nice); Sofa bed (brown, black, white- nice); (2) Propane gas camping bottles; Sewing machine; Glass front cabinet; Asst. dishes, and more items of interest.

TERMS: Cash or PA check. No out of state checks.

Lunch Stand

Owner:
Mr. & Mrs. James (Jim) P. Steckler
R.D.#1, Box 52D, Liverpool, Pa. 17045

Dale L. Longacre Auctioneering
R.D.#3, Box 215, Selinsgrove, Pa. 17870
Phone (717) 374-4215 #AU-001899-L

Roger A. Lauver #AA-001424-L
Dean E. Longacre #AA-001645-L

(AUCTIONEERS NOTE: Reason for Auction is Mr. & Mrs. Steckler are moving to North Dakota. Be prompt. Not many small items.)

Attention! Attention!

Farm Equipment and Tire Dealers

Interested In Buying Or Selling Goodyear Tires In Your Business? Contact Ken Morgan, Mgr.

Farm Tire Sales
Goodyear Tire & Rubber Co.
Scott Plaza #2
Philadelphia, Pa. 19113
215/521-4000

Sale Reports

"14-UNIT APARTMENT PROPERTY"

PUBLIC SALE

OF 14-UNIT APARTMENT COMPLEX
EPHRATA, PA

WED., JULY 27, 1988
At 7 P.M.
Located at 84 & 86 Gross St, Ephrata, PA

#84 GROSS ST.- 10 APARTMENTS.
#86 GROSS ST.- 4 APARTMENTS- Individual Electric Meters.
Borough water and sewer.
EXCELLENT RETURN ON MONIES INVESTED!
Rent per year approx. **$34,000.**
Open House: Sat. and Sun., July 16-17 and Sat. and Sun., July 23-24 from 1 P.M. to 3 P.M. or call: 267-2497.
For complete breakdown of property information write or call Bruce L. Kauffman, 290 Creamery Road, Denver, PA 17517 or call 267-2497.

TERMS BY:
PAUL S. KAUFFMAN ESTATE

Charles Sheidy, Atty.

HORST AUCTS.
T. Glenn AU438L
Timothy G. 859-1331 — 738-1245
Thomas A. *"VOICES OF EXPERIENCE"*

ANTIQUE AUCTION

SAT., JULY 16, 1988
9:30 AM
AGRICULTURAL/ MECHANICAL/OLD GAS ENGINES/FURNITURE/ GLASSWARE/OLD ADVERTISING ITEMS
11824 Taneytown Pike (MD route 140) 3½ miles west of Taneytown, MD, or 3½ miles east of Emmittsburg, MD. From Frederick, MD, take US 15 north to route 140, or, from Gettysburg, PA, take US 15 south 12 miles to route 140.

Antique Farm Items

Cast iron implement seats, corn cracker, corn sheller, dog treadmill, plate mills, wooden wheelbarrows, horse-drawn equipment: planters, cultivators, row marker, IHC mower; foot pedal mower sharpener, 2 walk behind sickle mowers on steel wheels, David Bradley garden tractor with 5 implements, 4 large grindstones, SELF RAKE REAPER, 3 platform scales, many old IHC owner manuals.

Gas Engines & Mechanical Antiques

5 HP Economy, 1½ HP McCormick, 4 HP Myrick Eclipse, all on trucks, small engine trucks with iron wheels, Maytag square tub washing machine with Maytag twin engine, twin wooden tub washing machine, hand cranked wooden washing machine, hand-cranked vacuum cleaner, wooden tobacco press, wooden paper baler, Ottawa drag saw (mounts on tractor), UNION CUTTER large flywheel vegetable chopper, hand cranked kitchen chopper, many wrenches and other hand tools, barn beam boring machine, post drill press, forge blower, rare hand cranked Champion HAIR PICKER, many other old hand-cranked machines and tools from farm and shop.

Furniture and Collectibles

Early Chippendale 2 over 3 chest with graduated drawers and Quacker locks, untouched; dovetailed jelly cupboard, pine cupboard, MISC OTHER GOOD PINE AND OAK FURNITURE, old advertising items, set of organ pipes from a Catholic church, voting booth, old Napoleon print, glassware. Many more items to be uncovered by sale time.

Vehicles

1951 Ford farm truck with good grain bed, 1964 Chevy car with 283ci, 70,000 orig. miles, 1 owner.

Terms: 5% MD sales tax or MD tax exempt #, cash or approved check.
Albert G. Hobbs, auctioneer
(301) 447-6230
Hobbs and and Valentine, clerks

Lunch served

NOECKER SALE

A Real Estate Auction was held June 27 by Richard and Sylvia Noecker, in the village of Schubert, Berks County, Pa.

The 1.4 acres with a 2½ story frame house and a barn was sold for $51,000.

Dwight D. Miller was the auctioneer.

U.S. Bankruptcy Court
for the District of Delaware

AUCTION SALE

Bankruptcy Sale for Phil Hower, Inc. (Case #85-476)
T/A Graylyn Restaurant, 1708 March Road, Graylyn Shopping Center, Wilmington, DE.

MONDAY, JULY 11 - 10:00 A.M.

Complete restaurant equipment to include: stainless steel kitchen equipment, salad bar, refrigerators, broiler, grill, steam table, gas stove/oven, pots, pans, dishes, glasses, etc.
8 bar stools, 10 tables, 32 chairs, booths, and much more.
Inspection 9 A.M. morning of sale.
Terms- Cash or local Delaware checks only.

Rudnick Associates, Auctioneers
P.O. Box 3586
Wilmington, DE 19807
302-764-3347

PUBLIC AUCTION

JOHN DEERE TRACTORS, MACHINERY, OAK ROUND TABLE, DESK, ANTIQUES, COLLECTIBLES

JULY 16, 1988 10:00 a.m.
JD. TRACTORS & MACHINERY SOLD 12:00 NOON

LOCATION: On Premises. "Hilaman Farm", 2 mi. S. of Oxford, PA. on Barnsley-Chrome Road. From Oxford, PA. Follow LR-131 to MCLEOD FORD. Bear left at "Y". Follow 1½ mi. to sale. 30 Miles South of Lancaster, Pa.

TRACTORS, FARM MACHINERY, ETC- JD 2010 gas tractor, JD-1020 gas tractor, JD-40 2-wheel tractor spreader, JD-35 front end loader, JD-640 side rake, JD 3-bt. 14" plow, JD 2-row corn planter w/grain attach, JD 7 ft. mower, JD-14-T pick-up bailer, JD-300 32' elevator, JD dbl. disc, Farm-bilt 18' low-down hay wagon, 16' low-down w/racks, Wind Power generator for 100 amp system, 6x16 elec. auger, NH -479 haybine, comb. cultipacker & grass seeder, 1971 Chrysler Newport, **PROVENDER:** 5-doors, 10'x35' silo corn ensilage, 10 tons alfalfa '87, mowed & bailed straw, pile of junk iron, set shafts, oak logs, feed carts, cow jacks, log holder (antique), wheels, tractor chains (13936 tires), old walking plows, flour box, locust posts, heater, misc. smalls.
OAK, ANTIQUES, ETC- round oak table w/claw feet, set of (6) oak t-back chairs, nice oak side by side desk, morris chair, stands, walnut commode, OAK CHILD'S ROLL-TOP DESK, music cabinet, walnut highback bed, old quilts, Shaker-type rack oak sideboard w/ mirror, cast farm dinner bell, 1800's, Harper's Weekly, old valentines, postcards, Cecil Co. book, Delaware twp. map book, cherry stoner, apple peeler, churn, dec. blue stoneware, baskets, old baby clothes, upright piano, sheet music, KERNELS, lard press, many other related items.
Above list for adv. purposes only. No guarantee authenticity or recourse. Not resp. for accidents. Lunch served.
TERMS: CASH or CHECK w/ID.

BY ORDER:
JOHN R. HILAMAN
OWNER
WHITESIDE AUCTION SERVICE
215-932-2291
AUCTIONS, APPRAISALS, REMOVALS
AU-2368-L & AU-1006-L
PA. & MD. LICENSED & BONDED SERVICE

SWINE SALE

RPM Farms, Beavertown, held their annual Summer Swine Sale, June 24, 1988, which totaled $64,770 for 222 head. 93 head of purebred boars and gilts avg. $426.

The top-selling animal was a Yorkshire Boar, Lot 102 RPM7 Field Marshal 212-7, to Sam Lane, Dover, NC for $1150.

The top-selling Yorkshire Bred Gilt was Lot 2 purchased by Urie Stoltzfus, Myerstown for $650. The top-selling Landrace Bred Gilt was Lot 51 purchased by Peter Michisk, Flemington, NJ for $430. The top-selling Landrace Boars are Lots 143 and 144 purchased by CJ Swine Farm, Temperance, MI for $550. each. The top-selling Duroc Boar was Lot 152 purchased by Frank Baldwin, New Florence for $500.

The Auctioneer was Dan Baker Lafayette, Ind. This sale offering sold into 10 different states.

It is the goal of RPM Farms to furnish high quality tested breeding stock to the commercial pig producer; where/by the consumer will benefit through higher quality lean cuts of pork. Much of this sale offering featured imported bloodlines from Ireland and Scotland. Our next sale offering is September 30, 1988.

FARMERSVILLE AUCTION

TUES., JULY 12, 1988
2:00 P.M.
In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.
Apt. lot from Willow Valley; also office equip; 120 base accordion; etc.
See Lanc. Newspaper Sat., July 9 for listing.
WE SELL ON COMMISSION
Call JOHN J. RUTT
(717) 354-5095
Auctioneer: Larry Rutt
AU-2455-L
Furniture sells at 7:00 P.M.

2 AUCTION SALES

SALE BY ORDER OF SECURED PARTY
COMPLETE LIQUIDATION OF D. SEIDMAN'S SONS INC.
KNITTING & SEWING MACHINES
PLANT MACHINERY & EQUIPMENT
PARTS, SUPPLIES, OFFICE FURNITURE
FINISHED INVENTORY, YARN
TUESDAY, JULY 19 - 10 A.M.
ON PREMISES
5th & COURTLAND STS., PHILA. PA.

196 KNITTING MACHINES
54 Scott & Williams Motor Driven Circular Knitting Machines 7"-9", 72 - 160 Needle, 3 Feeders, 4 Fingers, 12 Cut w/Strippers, 42 (Belt Driven) 42 (Motor Driven) Tompkins Circular Knitting Machines 7" - 6 Cut Model B2. 5 - Wildman Circular Knitting Machines, 48 Brinton Belt Driven Circular Knitting Machines, 10 Universal Flat Knitting Machines, Lessona 6 Spindle Cone Winder, Full Assortment of Needles & Accessories for Various Knitwear Designs

72 SEWING MACHINES, CALENDAR MACHINES
72 Singer Union Special, Merrow, U S. Blind Stitch Sewing Machines, 11 Fringing Machines, Reece Button Hole Machine, Hoffman Pressing Machines, 15 Hat Steamers, Reiffel & Lamb Cording Machines, Pemick Motor Driven Calendar Machine, Kastninsky Calendar Machine, Asst 14" Cloth Cutters, 2 Huebsch Tumblers

6,000 DOZEN HATS, GLOVES, SCARVES
Over 6,000 Dozen Knitted Headwear Items - Official Licensed NFL Knit Hats, Leg Warmers, Scarves, Gloves, Scarf & Hat Sets, Dickies, Headbands, Mask Hats, Infant Hat & Glove Sets, Quantity of Yarn in Original Case Lots.

937 FIBRE STOCK CONTAINERS 28" H x 25" x 25" -
141 PORTABLE MESH CARTS

COMPRESSORS, (MATERIAL HANDLING) & WAREHOUSE EQUIP.
Kellogg American 20 H P. Air Compressor, Westinghouse 15 H P Air Compressor, 10" x 3½ " South Bend Lathe, Diamond Honz Milling Machine, Logan 8" Shaper, Asst. Drill Presses, 2 Portable Electric Stacker Units, Fairbanks Portable Platform Scales, 270' Roller Conveyor, 2 Motor Driven Conveyors, Asst. Alum Ladders, Portable Flat Trucks & Carts, Layout Tables, Hand Trucks, Industrial Shop Vacs, Time Clock w/racks, Air Conditioners, Stencil Machines, Pedestal & Wall Fans, Work Benches, Grinders, Miller Arc Welder, 58 Sections Steel Shelving, Rol-lift 3,000 Lb Pallet Jack, Fasco & Soabar Label Printing Systems

COMPUTER SYSTEM, OFFICE FURNITURE & EQUIPMENT
Lockheed System 3 Computer System w/Terminals, Printers & Disc Drives, Uarco Model 1746 Forms Burster, Moore 283 Decollator, Addressograph Machine, Cummins Shreader, AB Dick Duplicator, Canon NP 210 Copier, Canon Calculators, IBM Selectric II Typewriters, Checkwriters, Humidifiers, Storage Cabinets, Safe, File Cabinets, D.P. Wood & Metal Desks, Security Monitors, Credenzas, Chairs, Standard Astro II Duplicator, Conference Table, Leather Chairs.

INSPECTION: MONDAY, JULY 18 - 9 A.M. to 4 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQ.

TRUSTEE SALE IN BANKRUPTCY CASE NO. 88-11859F
ANTHONY BARONE, TRUSTEE

SEWING & PRESS MACHINES
CLOTHING & FUSING MACHINE
WEDNESDAY, JULY 20 - 11 A.M.
ON PREMISES
CAROLEE, INC.
28 W. BROAD ST., SOUDERTON, PA.
Simplex Fusing Machine, Pacemaker Spreading Machine, Balcor Vacuum System, Veit 4419 Press Machine, Asst. Hoffman & New Yorker Press Machines, Sewing Machines - Singer, Pfaff, Reese, Chandler, U S , Yamato, Consew, Rimaldi, Sgle. & Dble. Needle, Chain & Blind Stitch, Button Hole, Shirring, Belt Loop, Edge Trimmer, Also Finished Ladies Jackets & Pants, Buttons, Zippers, Ribbons, Linings, Rolling Racks, Tables, Chairs, Office Furniture, Etc.

INSPECTION: DAY OF SALE FROM 9:00 A.M.
TERMS: CASH OR CERTIFIED CHECK - 25% DEPOSIT
COMPLETE PAYMENT DAY OF SALE

PA. AUCTIONEERS LICENSE NO. AU000175L

Public Auction Register

JULY

FRI. JULY 8 - 8:30AM & SAT JULY 9 - 9AM Keystone Stud Ram & Ewe Show & Sale. Penn State Ag Arena, State College, Pa. Located Beside The Football Stadium. Pa. Sheep & Wool Growers. Information Contact Keystone Sale Robert E. Calvert, P.O. Box 530, Mercer, Pa 16137, Phone 412-662-3141 or 662-2323

SAT. JULY 9 - R.D. 1 Loysville, Perry Co., Pa., Amish School Benefit Sale.

SAT. JULY 9 - 9AM Antiques, Household Goods, Tin Mechanical Toys. Located 43 East 10th Avenue, North York Boro, York, Pa. Estate of Sylvia M LaPrairie. Blaine N. Rentzel, Auct

SAT. JULY 9 - 9AM Antiques, Household Furnishings, JD Garden Tractor, Butchering Equipment, Fishing Equipment, etc. Located midway between Mt. Holly Springs and Biglerville on Route #34 to Idaville Square then turn West 2 miles to Knouse Foods then south 1 mile to Mt. Tabor Church, then north 2/10 mile in Adams County, Pa Jean H. Cline Gibbs & Edward A Gibbs, owners. Clair R Slaybaugh, auct.

SAT JULY 9 - 9AM Furniture, Antiques, Collectables, Guns, Fishing Equipment, Glass, Tools, Carpenter, Masonry, Mechanical, Gardening Marie Ross, Owner. Nevin Fahnestock, Auct.

SAT. JULY 9 - 9:30AM Farm Tractors & Equip., Misc. Items, Cars & Trucks Straley Farm Supply, Dover, Pa.

SAT. JULY 9 - 9:55AM Tractors, Farm Equipment, Tools, Gun, Household, Antiques. Located 3 Miles From Mifflinville On Mifflinville- Mainville Road (Rt. 339). Follow Auction Signs Off Interstate 80 At Exit 37. Glen S. Seely, Owner. Olen R. Knect, Auct.

MON. JULY 11 - 5PM Real Estate, Household Goods, Tools. 1800 Quarry Road, Lebanon Partially In North Lebanon Township Partially In Swatara Township, Lebanon County, Pa. Glenn Weyand Executor. Ebersole & Shoop, Aucts.

MON. JULY 11 - 10AM Bankruptcy Sale for Phil Hower, Inc. T/A Graylyn Restaurant, 1708 March Road, Graylyn Shopping Center, Wilmington, DE. Rudnick Associates, Aucts.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON. JULY 11 - 10:30AM Globe-Run Farms. Complete Dairy Herd Dispersal Of John Sr and Annabelle Foster due to their Retirement. Farm is located just off Rt 305 on Globe-Run Road 18 miles south of State College- 16 miles north of Huntingdon- 30 miles northeast of Altoona From the North take Rt 26 through State College and continue over Tussy Mt, take the first blacktop road to the right at the foot of the mountain and then turn onto Rt 305 From the south take Rt 22 to Alexandria and turn onto Rt 305 10 miles to farm Watch for signs John A Foster, Sr, Owner John A Foster, Jr Sale Manager

TUES JULY 12 - 4PM Car & rugs sell at approx 6PM Antiques, Oak Furniture, Sarouk Rugs, Antique Car For The Estate Of The Late Mabel J. Bergstresser, 431 York Ave, Lansdale, Pa Henry K Freed & Sons, Aucts.

TUES JULY 12 - 4PM Real Estate & H H. Goods At 20 Mylin Ave., Willow St. Turn left off Rt. 272 going North at United Church of Christ Terms by Elizabeth Binkley Est. J. Everett Kreider, Aucts

TUES JULY 12 - 5PM Real Estate, Antiques, Personal Property At 230 East Clay Street, Lancaster, Penna The Undersigned Executors Of The T Elizabeth Holden, A/K/A Elizabeth T Holden Estate Will Offer At Public Auction Melucena C. Mauer, Melanie Stover, Robert Stover, Co-Executors Jacob A Gilbert, Brian L Gilbert, Aucts

TUES JULY 12 - 7PM 7 Unit Apartment Complex, 2 Buildings. Located At Corner Of Church & Chestnut Sts, Ephrata, Lanc Co, Pa. David L & Edna Z Weiler, Aucts T Glenn & Timothy G, Thomas A Horst

THURS JULY 14 - 9AM WICO, Inc & Power City Electric Liquidation Spokane, WA, Powerline and Construction Equipment Vilsmeier Auction Co Inc

THURS JULY 14 - 10AM Large Complete Herd Dispersal, Dynasty Holsteins Shady Lane Dairy Sales Inc, ¼ Mile West of Quarryville Off Rt 372 on Oak Bottom Rd Shady Lane Dairy Sales Inc

THURS JULY 14 - Real Estate Public Auction Green Valley Farm, The Diamond Of Hope. Hope Twp., Warren Co., NJ Max E Spann, Realtors Auctioneers.

FRI JULY 15 - 1 30PM Pigs State Graded Sale. Westminster Livestock Auction, Westminster, Md.

FRI. JULY 15 - 6PM Valuable Real Estate Route 303, signs posted from Hillsboro/Queen Anne. Maryland In beautiful "Talbot County" off Route 404, borders Tuckahoe River

Clifton Canning Company, seller Chester Lee Carroll, auct.

GOODS AUCTION

Farm Machinery, Tools, Hardware, Building Supplies

First Wednesday Of The Month:
July 6, Aug. 3, Sept. 7, Oct. 5
No Sale In November
Starting at 9 A.M.
Tools & Hardware at 9 A.M.
Lawn and Garden At 12 Noon
Followed By Machinery
Building Materials At 11:30

We sell on commission.

Hay and straw sales every Wednesday at 12 noon.

No out of state checks, no household items.

A.H. #000014-L
Goods Auction
111 North Maple Ave.
Leola, Pa. 17540

PUBLIC AUCTION

FRIDAY, JULY 22, 1988
7:00 P.M.

18.9 ACRES w/ LARGE RANCH-TYPE HOUSE AND 1 ACRE POND
YORK COUNTY, PA

LOCATED: 1100 Copenhafer Road (Zions View Area), York, PA. Exit 12 off Interstate 83, Go West 2 Miles to Copenhafer Road on Right — Go North on Copenhafer Road 2 Miles to Land and House on Left. Only 8 Miles North of York, PA.

18.9 Acres of Land w/ Improved Ranch House (18 Yrs. Old) w/ Siding and Shingle Roof. The Home has a Large Kitchen w/ Large Amount of Cupboard and Counter Space, Double Sink and Linoleum Floor. Large Dining Room w/ Wall to Wall Carpet. Living Room w/ Wall to Wall Carpet, Bow Window Overlooking Pond and Guest Closet. Den or Family Room w/ Fireplace, Wall to Wall Carpet and Attached Porch. 3 Bedrooms — Master Bedroom has 3 Closets, 1½ Baths, Large 2 Car Garage Attached to House w/ Garage Door Openers. House and Garage are Plastered and Fully Insulated. Blacktop Driveway, Beautiful Setting in Wooded Area w/ Shrubbery, Shade Trees and 1 Acre Pond. Large Basement w/ Overhead Door. House is 98 Ft. Long and 35 Ft. in Width. Storm Windows, Oil-Fired Baseboard Hot Water Heat. Approx. 1050 Ft. Road Frontage. Conewago Township, York County, Northeastern School District.

TERMS: 10% DOWN, BALANCE IN 60 DAYS
FOR INSPECTION, PHONE:
(717) 764-6412 8 to 5 or
(717) 266-1671 EVENINGS AND WEEKENDS
SELLER:
MR. AND MRS. PAUL STAHLE

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA Lic #761

PRODUCTION SALE

At the Frederick Fairgrounds- Frederick, Md.
FRIDAY, JULY 15 - 7:30 P.M.
MILK MILK MILK MILK
50 HOLSTEINS 50
Registered and Grades
All Cows and Bred Heifers
Just Fresh or Close

Featuring:

- Chairman bred heifer due Aug. to Sammy. Dam VG-86 with 24,970M and 862F. Gr'dam VG-87 with 23,440M and 630F.
- Forcaster dtr. sells fresh. Dam VG-86 (EX Ms.) with 21,600M and 745F. Gr'dam VG-87 with 23,790M and 822F, next dam VG with 671F.
- Gr'dtr of Pete due Aug. Dam VG-89 with 18,700M 4.4% 829F. Gr'dam VG-88 with 699F.
- A fresh Bold Chief (GP-81) with 713F as a 2-yr. old. Dam GP with 24,210M and 735F, next 2 dams with 20,000M.
- A Plushanski Black Jack sells fresh. Dam has 21,820M and 817F.
- Gold dtr. sells fresh with first calf. Dam has 631F, gr'dam has 21,560M and 796F.
- Bell due July 23. Dam a Spirit dtr (CI+$40), next 2 dams over 18,000M.

This sale offers young cattle just fresh or close, ready for base milk. They will please you for dollars invested.

Tested for Interstate Shipment
Catalogs at Ringside

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, MD 21755
Phone 301-473-8214

FARM MACHINERY & CATTLE AUCTION

5 TRACTORS - 12 WAGONS - DAIRY & GRAIN EQ. - HOL. HFRS.
THURSDAY, JULY 21, 1988
AT 10:30 A.M.

For **Alex Plushanski,** 2 mi. E. of Asbury, N.J. on the Asbury Anderson Rd., ¾ mi. W. of Rt. 31. 4 mi. S.W. of Washington, N.J. Pa. use Rt. 78 to Rt. 57 to Rt. 31. Farm Sold for Development! *** 10:30 Some small Items! *** **11:30 - DAIRY EQUIP. -** Mueller 1000 gal. Bulk Tank w/7½ hp Lehigh comp. 86 cow Surge 2" S.S. pipeline - auto washer - 3" Vac line, 6 Westfalia units - 4 Visotrons, Westfalia 7½ hp 8 unit pump, Mueller pre cooler (sells 2 ways) **SILO** - Harder 30'x60', Silo Matic 30' unloader, Jamesway 86 cow shuttle barn cleaner (2 units), Patz cleaner elev., some Jamesway stanchens and cups, 13 metal calf stalls, 5 fiber glass calf hutchs, 9-8' H type concrete feed bunks. **GRAIN BINS** - 2 - 3200 bu. bins. 5 ton feed bin w/auger.

12 NOON - 5 TRACTORS - Ford #9600-DL-3PT-WF-Dual Power, JD #4020-DL-3PT-WF w/#46A loader, Oliver #1365-DL-3PT-WF, JD #60 live PTO, JD #B. Ford #340 **SKID LOADER.** Massey Ferguson #410-SP Combine w/cab-#33-3Rx30" corn and 13' grain hds. **TRUCKS** - 1967-GMC #7500-DL-2 spd. w/11½ 'x5'. **ALUM. DUMP** wet or dry grain body, 1970 Ford F250 pkup. V8-auto. **12 WAGONS** - 5-16' kicker hay wg., Grove hyd and 3 JD's (2-115's, 1-216 chuck wagons), 18 ft. feeder wg., 2-JD gears. **HAY EQUIP.** - JD #346 baler w/Kicker, NI #272 cutditioner, NH hay rake, 2-NH-38' h or g elevators, JD #8 mower, hay drying fan, JD tedder. **FORAGE** - JD #3800 chopper w/2Rx30" corn and 6' haylage hds. (hay hd. sep.), NH #36 flail chopper, NH #27 and Kools hopper blowers. **OTHER EQUIP.** - White 6 Btm. 18" Auto. spring reset plow, Jeoffroy 14" - 3PT Chisel plow, JD - 12' hyd disc w/MW harrow, AC - 6R no till 30" corn planter - liq., Bear Cat #1250 grinder mixer, JD - 12' cultimulcher w/Gandy seeder attc., Windpower 30KW - PTO generator (almost new), Feterl 52'x8" grain auger, 500 gal. field sprayer, Ezee Flow spinner spdr., JD #54 manure spdr., JD #400 and Moto Ski snowmobiles, 1000 gal. Girton SS Bulk Tank as is. *** **2 P.M. - 12 HOLSTEIN HEIFERS** - Top breeding many are out of Reg. cows. Selling as grades. 1 Bred for fall, 6 large typy hfrs. ready to breed, 4 yearlings, 1 started calf. All 30 day T.B. & Blood tested for interstate.

TERMS Out of State Buyers - Cash or Certified Funds or Current Bank Letter Stating Amount you can spend up to on July 21, 1988, addressed to **OWNER** Alex Plushanski 201-537-2085. N.J. Res. Cash or Good Check Sale Day! Full Settlement Sale Day!

SALE CONDUCTED BY:
COL. FRED. R. DANIEL AUCTIONEERS INC.
Neshanic Sta., N.J. 201-369-4784
THE FARM EQUIP. AUCTION CO.!

"Lancaster County Victorian Dwelling"

PUBLIC SALE

OF 25 ACRES M/L FARM - VICTORIAN DWELLING - STONE BARN - DAM - CONESTOGA CREEK
Brownstown, Lanc. County, PA.
SATURDAY, JULY 23, 1988
At 2 P.M.

Located at 423 W. Farmersville Road, West Earl Township, Lancaster Co., PA (Directions: Rt. 222 to Brownstown - Rt. 772 East to traffic light in Brownstown - Turn left onto Main St. - Turn right at bridge to property).

VICTORIAN DWELLING w/attached 2 CAR GARAGE, living room, formal dining room, kitchen w/raised panel cherry cabinets - dishwasher - refrigerator - FAMILY ROOM w/fireplace - laundry - 2 powder rooms - 5 bedrooms; full bath - walk-in cedar closet - office - Widow's Walk.

Heat with central air conditioning. SWIMMING POOL - 18'x36' in ground pool - deck - POOL BATH HOUSE.

STONE BANK BARN - 1857 Cir. ROAD FRONTAGE - 1331' West Farmersville Road and 300' Turtle Hill Road. 200' STONE RESTORED DAM - 3300' (Approx.) - CONESTOGA CREEK AREA. House (recently restored) - wall to wall carpet - new drapes.

Property located in Lancaster County farm area - 200' dam - picturesque property WITH CONESTOGA CREEK - boating and fishing!

Be sure to inspect this fine property!

Open House: Saturday, July 2, July 9, July 16 - 1 P.M. to 3 P.M. call 717-656-8738 or 656-3712.

Terms By
MORRIS HURSH
RUTH ANN HURSH
Barley, Snyder, Cooper & Barber, Atty.

HORST AUCTS.
T. Glenn AU438L
Timothy G 717-859-1331
717-738-1245

2 DAY PUBLIC SALE

Real Estate and Liquidation Of Jacob M. Sherk Inc. Electrical Business Of Myerstown, Leb. Co.

FRIDAY, JULY 15, & SAT. JULY 16

On The Premises At 717 South Railroad Street, Myerstown

Real Estate Consists Of 2½ Story Dwelling W/Alum. Siding, Having First & Second Floor Apartments. Also A 2 Story Garage/Shop On The Rear Of The Lot With A Nice Parking Lot

For More Information & Inspection Call 866-2843 Or 866-2218 For Appointment

69 Chevrolet 4 Wheel Drive Pick Up w/ Plow & Cover, 200 Amp Miller Generator/ Welder On Trailer, Ridgid Hydraulic Bender, E.M.T. Bender, Syntron Hammer Gun, Milwaukee Elect. Screw Shooter, Ramset Gun, GreenLee Bit Set, Railroad Jacks, 18" Chain Saw, Pipe Threading Tools, Etc.

8', 13' & 15 Ft. Store Counters w/ Drawers, Office Equipment, Metal & Wooden Shelving & Storage Bins.

Heavy Block & Tackles, Asst. Motors, Elect. Boxes, Light Fixtures & Shades, & Lots & Lots Of Items Used In The Business

Real Estate At 1 P.M. Sat.

For
ESTELLA R. SHERK ESTATE

Sale Time Both Days 9:30
For Elect. Supplies

Sale For
Jacob M. Sherk Inc.

Attorney: Henry Steiner
Clerks: Ogurcak & Hurst
Aucts; Welk & Welk
#AU-000988-L
Refreshments Available

Carroll's Sales Co., Inc.

P.O. BOX 307
FELTON, DELAWARE 19943
AUCTIONEERS
PHONES 302/284-4911 AUCTIONS OF ALL TYPES

PUBLIC AUCTION
VALUABLE REAL ESTATE
FRIDAY, JULY 15, 1988
6:00 PM Sharp

Location: Route 303, signs posted from Hillsboro/Queen Anne, Maryland in beautiful "Talbot County" Off Route 404, borders Tuckahoe River.

DESCRIPTION: 67 Acres (+/-). Over four tenths of mile road frontage, several thousand feet of river frontage on Tuckahoe River. Prime real estate for development and future appreciation - must be seen to appreciate.

TERMS OF SALE: 20% of the purchase price will be required to be paid on the day of the sale and final settlement on or before August 15, 1988. The percentage paid on the day of the sale will be treated as part of the purchase price if the terms of the sale are complied with; otherwise, it will be forfeited for noncompliance and treated as liquidated damages. Buyer to pay the cost of deed, transfer tax and the survey. The seller reserves the right to accept or reject any and all bids.

Auctioneer Note: Beautiful piece of ground, triple "A" investment, true potential is in the future - don't miss this sale.

Zoning: A-2 area/resource conservation area.

Call For Complete Brochure

Seller:
CLIFTON CANNING COMPANY
Milton, Delaware

Auctioneer:
Chester Lee Carroll
Carroll Sales Company

PUBLIC AUCTION
COMPLETE BUSINESS LIQUIDATION
LIBERTY ELECTRIC CO.
SATURDAY, JULY 23, 1988
AT 10:00 A.M.

Located along Rt. 15 between Selinsgrove & Lewisburg, directly behind Rainbow Motors 2 miles north of traffic circle at Teds Landing.

TRUCKS & TRACTORS
1983 Ford Van 8 cyl, at, ps, pb, 62,000 miles, 1972 Ford F600 Bucket Truck 55' Knuckleboom w/Baker Box, 1967 Dodge Bucket Truck 32' Boom/Bucket Baker Bed, 1977 Dodge ½ Ton P/Up 8 cyl 57,000 miles, 1978 Chev Step Van, 1968 Ford Stake Body 12' Dump Bed, 1975 International 24' Box Truck w/lift Gate. Trucks to be sold at Noon. Farmall 400WFE w/6' Mower, Massey Ferguson 50WFE, Massey Harris Model 22.

TOOLS EQUIPMENT
Homelite 4500 Watt 220V Generator, Onan 3000 W Generator, Milwaukee Elec. Jack Hammer, Hammer Drill, Holeshooters, Right angle Drills, Sawsall, Sander/Grinder, Stihl 028 Chain Saw, Stihl Elec. Chain Saws, B & D Drills, Fiberglass 32' Hotstick, Chassis Punch Set, Craftsman Circ. Saw, 11 Pc. Snap-On Wrench Set, Pipe Vise/Cutter, 6' & 8' Step Ladders, 18', 20', 40' Ext. Ladders, A Frame Ladder, Traffic Lights/Controls, Transformer & Oil, Fuses 200 Amp Box, Connectors, Fittings, Hand Tools, Come-a-longs, Clamps, ext. Cords, Signs, Hardhats, Safety Belts, Wire, Switches, Conduit, Rope, 2 275 Gal Skid Tanks, Nuts, Bolts, Hundreds Tools and Inventory related to this business!

OFFICE FURNITURE
Office Desk, Chair, File Cabinets, Answering Machine, etc.

LIBERTY ELECTRIC CO.
AU 1367

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

Public Auction Register
Closing Date Monday 5 00 P M
of each week s publication

FRI. JULY 15 - 8PM Valuable Real Property Located approx 1¼ mile west of Three Springs, Pa along Route 655 at the John S. Landis property Owners Mr & Mrs John S Landis Robert D Fleck, aucts

FRI JULY 15 & SAT JULY 16 - Real Estate 1 PM, Sale Time Both Days 9 30 On The Premises At 717 South Railroad Street, Myerstown Jacob M Sherk, Inc , Owners Henry Steiner Attorney, Ogurcak & Hurst, Clerks, Weik & Weik, Aucts

SAT. JULY 16 - Machinery, Crops, Household, Antiques, Etc. 2 miles south of Oxford, Pa. on Barnsley-Chrome Rd., 30 mi. s. of Lancaster. By order of John R Hilaman, Owner. Whiteside Auction Service, Aucts

SAT JULY 16 - Michael W Burkholder Estate Antiques, Household Goods Located Along Rt 625, 2 Miles Northeast Of Blue Ball Nevin Z Martin & Andrew M Martin Aucts

SAT. JULY 16 - 8AM Tractors, Mowers, Broom Equipment, Tools, Parts Location Take Roosevelt Ave Ext (Bull Rd) North Off Of Rt 30 In York, Pa , Approx 3 Mile To Graffius Rd Watch For Signs William H Graffius Estate, Ernest Graffius, Executor Blaine & Nevin Rentzel, Aucts

SAT JULY 16 - 9AM Motter's Truck Repair Commercial Shop Equipment, Heavy Duty Trucks & Trailers, Hand & Power Tools, Office Equipment, Forklift Parts, Diesel Engines. 2 Mi. South Of Pine Grove, Pa Along Rt. 443 Just Off Exit 31 Pine Grove Interchange, Interstate 81. George Motter, Owner Ben Nolt, Roger Myers, Aucts

SAT JULY 16 - 9AM Misc Equipment. York Vo-Tech School, 2179 South Queen Street, York, Pa Off Interstate 83 At Exit 6 - South Queen Street Blaine N Rentzel, Auct

SAT JULY 16 - 9AM Antiques, Household Goods Located at 1205 West Main St , Ephrata, Lanc Co , Pa Christian Zinn & Margaret Zinn, Owners. Horst Aucts

SAT. JULY 16 - 9AM Antiques, Collectibles, Gas Engines, Butcher Tools & Misc. Located Rt 111 (old trail) in Jacobus to Valley Rd turn right, 8 mi to sale OR I-83, Exit 3 Loganville west to old trail. Turn right, proceed to Jacobus to Valley Rd. turn right, to sale Owner Robert Innerst Melvin Haines, Ralph Brenneman, Aucts

SAT. JULY 16 - 9AM Val Antiques, Collectibles, Tools, Early Iron. On premises along road from Denver to Sinking Spring, N Ridge Rd , Reinholds, W Cocalico Twp , Lanc Co , Pa. By Mahlon Keith. H H Leid Auction Service

SAT JULY 16 - 9 30AM Antique auction, Agricultural/Mechanical/Old Gas Engines, Furniture, Glassware, Old advertising items 11824 Taneytown Pike (MD rt 140) 3½ miles west of Taneytown, MD or 3½ miles east of Emmitsburg, MD From Frederick, MD, take US 15 north to route 140, or, from Gettysburg, PA, take US 15 south 12 miles to route 140 Albert G Hobbs, aucts

SAT JULY 16 - 10AM John Deere Tractors, Machinery, Oak Round Table, Desk, Antiques, Collectibles Location On Premises, Hilaman Farm, 2 Mi S Of Oxford, Pa On Barnsley-Chrome Road From Oxford, Pa Follow LR-131 To Mcleod Ford Bear Left At "Y" Follow 1½ Mi To Sale 30 Miles South Of Lancaster, Pa John R Hilaman, Owner Whiteside Auction Service

SAT JULY 16 - 10AM Carlos R Leffler, Inc Fuel Distributor Richland, Pa (Near Lebanon) The Sale Will Be Held At Leffler's Main Office & Shop Facility At The Corner Of Main St & Linden St In Richland, Pa Vilsmeier Auction Co , Inc

SAT JULY 16 - 10AM Farm Equip Auction Located Between Pine Grove & Friedensburg, Pa Sch Co along Rt 443 Turn South at Deturksville (near Red Lion Cafe) & proceed approx 2 miles to Hetzels Church & then to sale site nearby Sale signs will be posted Paul L & Betty M Weaver, Owners Eugene G Klinger Auct Service

SAT. JULY 16 - 10AM Real Estate, Farm Tractors, Equip., Power & Hand Tools, Butchering Equip , Antiques, HH. Loc Box 164 Sigman Rd., RD1 New Providence, Providence Twp , Lanc Co , Pa Take Rt 272 about 6 mi S of Lanc Turn right on Pennsy Rd. Go 1 mi. & turn left on Sigman Rd to sale By Emmie N Sigman Estate Howard Shaub, Auct.

SAT. JULY 16 - 1PM Used Lawn and Garden Inventory Reduction Sale. By Biggs Incorporated, 34 Buckley Ave., Rising Sun, Md.

MON. JULY 18 - 5PM Farm Equipment, Antiques, Tools & Shop Equipment, Household Goods, Pony, 1980 Ford Van. At the farm on Murray Rd., RD #2 Annville, East Hanover Township, Leb. Co., Pa. For John E. Clay. Ebersole & Shoop, aucts.

PUBLIC AUCTION
SATURDAY, JULY 23, 1988
8:30 A.M.

ANTIQUES
FARM EQUIPMENT
HOUSEHOLD GOODS

Located: North of East Berlin on Rt. 194 - 6 or 7 Miles South of Dillsburg on Rt. 194.

ANTIQUES AND HOUSEHOLD GOODS
2 Dry Sinks (1 w/Cupboard Top), Cherry Dropleaf Table, Copper Apple Butter Kettle - 25 Gal., Crocks (Quarts to 20 Gal.), Measuring Tins, Rope Bed, Quilting Frame, 3 Butter Churns, 6 Dining Room Chairs for Cane Seats, Couden and Wilcox Jug w/Blue Flower, Butter Prints and Paddles, Wooden Bowls, Butter Scales, Apple Peeler, Oak Rocker, 4 Dining Room Chairs w/Plank Bottoms, Old Picture Frames, Mantle Clock, Blanket Chest, Dovetailed Wood Box, 2 Wooden Baby Cradles, Washboard, Butter Box, Jelly Cupboard, No. 1 Print Butter Carrier, Bread Tub, Pie Cupboard, Wooden Towel Rack, Tin Comb Case, Meat Cleaver, Cream Pail, Chunk Stove, Ice Cream Freezer, Wooden Barrels and Tubs, Hanging Scales, Stillard Scales, 2 Iron Kettles, 5 Leg Oak Table w/Extension Boards, Meat Grinders, Sausage Stuffer, Mortised Bench, Snitz Dryer, Butcher Bench, Butcher Ladles, Milk Cans and Strainers, Pitcher Pump, Dinner Bell (Made in York), Cow Bell, Kerosene Cook Stoves, Singer Electric Sewing Machine, G.E. Electric Stove, H&R Single Shot Gun, Winchester Single 22 Rifle, Gun Rack, Horlick Jar, Dated Mason Jars, Market Baskets, Gas Iron, Ironstone Dishes, Lanterns, Sugar Bags, Old Baby Clothes, Quilts, Comforts, Old Radio and Base Speaker, Chase Robe w/Horse Head, Philco Refrigerator, Straw Tick, Old Shawls, and Many Other Items.

HORSE CERTIFICATE - GERMAN HANOVENIAN AND OLDENBURG COACH HORSE ASSOCIATION OF AMERICA DATED 1898.

FARM EQUIPMENT
Farmall 460 Diesel w/2 Pt. Hitch, Loader for 460 Tractor, MM 4 Star Wide Front and 3 Pt., 1936 Silver King Tractor - Wide Front w/Culti. (Restored), Allis Chalmers 100 Self-Propelled Combine, 1965 Int. Truck w/20 Ft. Bed and 5 Speed Trans., 1952 Int. L160 Cattle Truck, 1976 Flat 2 Door Sedan, J.D. 9 Ft. Haybine, N.H. Forge Harvester w/Corn and Grass Head, N.H. Blower w/Table, 3 Pt. 3x16 J.D. Plow, Ford 3 Pt. 3x Plow, International 4 Row Corn Planter, Disk Harrow, 3 Section Level Harrow, D.B. Corn Sheller, Wheel Barrow Gas Seeder, Scalding Trough, Post Hole Digger for A.G., Tow Chain, Pump Jack, Single and Double Trees, Feed Chest, 1 Horse Culti., Forge, Oliver 2 Row Corn Planter, Grain Auger, New Idea 12A Spreader, J.D. 2 Row Corn Picker (Old), Cultipacker, Horn Manure Loader, Oliver Grain Drill, Hay Rake, Egg Baskets, Cedar and Oak Lumber, Barn Beam 10"x12"x40 Ft., Electric Motors, 4 Ft. Barn Fan, PTO Hydraulic Pump, 3 Pt. Arms for Ford Tractor, Metal Windows, and Many, Many More Items.

TERMS: Cash or Good Check.

Estate Of:
EDWARD I. LIVINGSTON, SR.
Executrix: Marion R. Livingston
RD 1, East Berlin, PA
292-3404

Auctioneer:
Blaine & Nevin Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761 - #2483

3rd. ANNUAL CONSIGNMENT SALE
FOR WILLIAMS GROVE HISTORICAL STEAM ENGINE ASSOCIATION INC.
SATURDAY, SEPTEMBER 3, 1988
At 8:30 A.M.

Located at Williams Grove Historical Steam Engine Association Inc., Mechanicsburg, Pa.

WANTED
Gas & steam engines, tractors, old machinery, cream sep., corn shellers, wooden wheelbarrows, grinders, old tools, ETC.

To consign items for advertisement call, Little IKE Eichelberger auctioneer at 717-938-6322 or Harold Schelb at 717-939-6717
Deadline for advertisement is July 23, 1988

CONSIGNMENT AUCTION SALE
Trucks - Tractors - Motor Vehicles - Implements
Pete Richardson Auction Sales Summer Sale
Saturday, July 23, 1988
Beginning at 11:00 A.M.

U.S. Rt. 50 & White-Richardson Road, Pittsville, Md. (14 miles East of Salisbury)

Sale open to construction equipment, farm equipment, motor vehicles, trucks. NO JUNK-JUNK. Consign early to take advantage of advertising.

Partial listing - Items already consigned: 1974 Great Dane reefer trailer, Thermo King unit, new tires, new brakes; 1984 Mack MH600 w/T2090, 9 speed, only 153,000 miles, ex. condition; 1984 Ford LTD II, 4 door, 47,000 miles; 1984 Buick Century, 4 door, 70,000 miles; 1983 Isuzu, 4 door, 85,000 miles; 1984 Chev. C-60 w/18' body, 10:00 x 20 tires, 11,000 actual miles, P/S, 4 x 2 trans., ex. cond., not original tires; Tandem axle trailer w/ new spare tire; 1971 International 6 wheeler w/ fuel tank; 1984 Freightliner cab over, fair condition; 1974 Ford F-150 pickup; Huff rubber tire loader, good condition; 1978 International 1600 Series 4 speed w/3 yr. old 14' Meadows 13 ton dump body, 65,000 actual miles on truck, ex. condition, Md. inspected; 1968 International R190 cab over 10 wheel w/20' body, 10x20, 5x2, new way air tag axle, PS, 550 bushel, VG condition; 40' flat steel deck trailer and headboard w/24" rubber; 8N Ford; Ford Jubilee; Case 2094 w/only 540 hrs., 1985, dual remotes, electronic dash, 1000 lb. weight, no cab, like new, super clean; JD 4020 late model, side console, power shift, dual remote, 4500 hours, very good condition; Farmall Cub w/60" Woods and Turf tires; International 424 diesel tractor w/loader; MF 35 tractor; Ford 650 tractor w/5 speed, good condition; International 404, just rebuilt; International Cub; Farmall M diesel; MF forklift w/28' mast; Economobile 4 WD - 3 wheel steering forklift; Case 680 backhoe, diesel, 16' hoe; MF loader backhoe; Kawasaki Artic Cat Cheetah snowmobile; 1982 Galaxy 23' boat w/inboard; 1983 Lady L trailer; 2 sets - 2 row cultivators; 1 set - 14" 2 blade plows; 1 - 2 row cultivator; 1 Seeder; Manure spreader; 5' bush hog; Scoup; 13' flail chopper; International 6 row narrow 1853 cultivator, 5 tines, rolling fender, ex. cond; Hobart portable welder with TJD Wisconsin motor; Ingersoll Rand portable air compressor, twin cylinder with AEH Wisconsin motor; 3 JD 110 riding mowers w/38" blade; AC B10 riding mower w/34" blade; Lilliston 18 spout no till drill, very good condition.

Terms: Cash or good check on day of sale.

PETE RICHARDSON AUCTION SALES
P O Box 51 Willards MD 21874
Phone: 301-546-2425 Office; 301-742-6220 Home

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

TUES JULY 19 - 9.30AM For Mr. & Mrs. Joseph Hixon, Rt 173, Bloomsbury, N.J. Approx 6 Miles from Easton, PA toll bridge Misc Items. Arthur Hanna, Auct.

TUES. JULY 19 - 10AM HH, Antiques, Tools Loc between Rt 30 & 741, turn off Rt. 30 at Exxon gas station in Paradise, on Black Horse Rd., Lanc. Co., PA. Terms by John F. Beiler Auct: Robert E. & Jeffrey R Martin.

TUES. JULY 19 - 10AM Knitting & Sewing Machines, Plant Machinery & Equipment, Parts, Supplies, Office Furniture, Finished Inventory, Yarn. 5th & Courtland Sts., Phila Pa. Comly Aucts.

WED. JULY 20 - 9AM York Vo-Tech School, 2179 South Queen Street, York, Pa. Blaine N Rentzel, auct

WED JULY 20 - 11AM Sewing & Press Machines, Clothing & Fusing Machine 28 W Broad St, Souderton, Pa Carolee, Inc Comly Aucts

WED JULY 20 - 4PM Antique Store Items, Antiques & Collectibles Located Along Rt 322 Approx 4 Miles East Of Ephrata, Hinkletown, Lancaster Co, Pa Mary I. Wanner, Owner. T Glenn & Timothy G & Thomas A Horst

THURS. JULY 21 - 8:30AM, Real Estate 2PM Valuable 27 Acres, Woodland, Farm Equipment, Household Goods And Antiques. Location Rt 641 Appx. 4-5 Mi North Of Rt. 75 In Huntingdon Co, Pa. Merle H. and Nannie G. Klobetanz, Owners. Sanford G. Leaman, Auct

THURS JULY 21 - 10:30AM, Farm Machinery & Cattle Auction. 5 Tractors, 12 Wagons, Dairy & Grain Eq., Hol. Hfrs. 2 Mi. E of Asbury, N J on the Asbury Anderson Rd., ¾ mi. W. of Rt. 31. 4 mi. S W of Washington, N.J. Pa. use Rt. 78 to Rt 57 to Rt. 31 Farm Sold for Development Alex Plushanski, Owner. Fred R. Daniel Auctioneers Inc

FRI JULY 22 - 11AM Complete Chester County Herd Dispersal At the Shady Lane Dairy Sales, Inc., ¼ mi West of Quarryville off Rt 372 on Oak Bottom Rd Shady Lane Dairy Sales Inc

FRI, JULY 22 - 4 30 PM, & SAT, JULY 23 - 8AM Antiques, Tools, Kentucky Rifle, Guns, Antiques Car, Etc Location From Carlisle, Pa. Follow Rt. #34 North, Approx. 25 Miles To Clouser Hollow Rd, (1 Mile South Of New Bloomfield In Perry County). Turn Left And Follow Clouser Hollow Road 1 Mile To Wye In Road, Bare Left And Go ½ Mile To Sale Location (Watch For Sale Signs). Joann L. Kirk, Owner. Ed Shull, Aucts.

FRI JULY 22 - Special Sale. New Holland Sales Stables, Inc

FRI JULY 22 - 5PM Lawn & Garden Equip., Pick Up Truck, Train Sets, HH Loc midway between Ephrata & Lancaster along 272 next to Oregon Motor Cars. Kenneth & Rachel Enck, Owners Larry Rutt, Auct.

FRI JULY 22 - 5 30PM Gap Auction- HH, Antiques, Tools. Located near the Town Clock opposite the Mmit Market in Gap, PA Ira & Dale Stoltzfus & Luke Whitman, Aucts.

FRI. JULY 22 - 7PM 18.9 Acres w/Large Ranch-Type House & 1 Ac Pond. At 1100 Copenhafer Rd (Zions View Area), Yokr, Pa Exit 12 off I-83, go W 2 mi. to Copenhafer Rd on right, go N on Copenhafer Rd. 2 mi. to land & house on left. 8 mi. N of York, Pa. Seller: Mr and Mrs. Paul Stahle. Auct: Blaine N. Rentzel.

FRI. JULY 22 - 7.30PM Indiana Farmers Livestock Mkt. Old Rt. 119 Homer City. State Graded Feeder Pig Sale

SAT. JULY 23 - 8:30AM Antiques, Farm Equipment, Household Goods Located North Of East Berlin On Rt 194 - 6 Or 7 Miles South Of Dillsburg On Rt. 194 Edward I. Livingston, Sr Estate Blaine & Nevin Rentzel, Auct.

SAT. JULY 23 - 9AM Travel Trailers, R.V. Inventory, Woodworking & Shop Tools, Office Equipment Located in Chester County, PA in Cochranville at Junction of Routes 10 & 41, next to Turkey Hill Minit Market. By B A. Manufacturing Steve Petersheim, aucts.

SAT JULY 23 - 9 30AM Bernardsville Quarry, Bernardsville, NJ, Construction & Aggregate Equipment & Parts

SAT. JULY 23 - 10AM Trucks & Tractors, Tools, Equipment, Office Furniture Located along Rt. 15 between Selinsgrove & Lewisburg, directly behind Rainbow Motors 2 miles north of traffic circle at Teds Landing for Liberty Electric Co Kerry Pae aucts.

SAT. JULY 23 - 11AM 116 Ac Land w/2 Homes & Farm Buildings Formerly Donald Isaacs Farm loc on the corners of Rts SR3027 (Minnequa Rd) & SR3025 (Baldwins Rd) RD#2, Canton, PA. Col. Steve Sitar & Co., Aucts.

SAT. JULY 23 - 11AM Trucks, Tractors, Motor Vehicles, Implements Peter Richardson Auction Sales - Summer Sale US Rt. 50 & White-Richardson Road, Pittsville, Md. (14 miles East of Salisbury) Consignment Auction. Pete Richardson Auction Sales

SAT. JULY 23 - 11AM Tractors, Combine, Farm Equipment, Trucks, Hay, Lawn & Garden Equipment, Household, Misc. Go 6½ Miles South of Intersection of Rts 35 & 104 in Snyder County, Pa. on Rt. 104 to Hayes Stahl Lumber Mill (1½ Miles South of Meiserville) or Turn Off Rt 11 & 15 onto Rt. 104 North for 2½ Miles to Hayes Stahl Lumber Mill (¼ Mile North of Green Metal bridge). Turn West off Rt. 104 at Hayes Stahl Lumber Mill and Travel 2½ Miles to Village of Oriental

In Village of Oriental, Turn Left and Proceed ½ Mile to Barner Rd at the Mark Delbaugh Farm Make Right onto Barner Rd and Travel to First Home on Right. Coming From the West Take Rt. 235 to Road Which Leads to Oriental Watch For Signs Off Rt 104 & 235 Day of Auction

Located Apx 1 Mile Southwest of Village of Oriental, Juniata County, Pa. Mr & Mrs. James P Steckler, Owners Dale Longacre Auct

SAT JULY 23 - 12NOON Jefferson Co Holstein Bred Heifer Sale at the Jefferson Co Fairgrounds, Skyesville, PA. Mark Glick, Auct

PUBLIC FARM EQUIP. AUCTION

SAT. JULY 16, 1988

10:00 A.M. SHARP

Located between Pine Grove & Friedensburg, Pa. Sch. Co. along Rt. 443. Turn south at Deturksville (near Red Lion Cafe) & proceed approx. 2 miles to Hetzels Church & then to sale site nearby. Sale signs will be posted from Rt. 443 & Rt. 895.

Having sold their farm the Weavers will sell the following **quality equip.** Int. 806 Diesel WF, 3 PH, Farmall 300 FH - Hyds. front & rear, 190 Allis C. tractor w/cab (nice), Suzue 15 HP D 4 WD w/loader - 3' 3 PH Howard rototiller - 4½' dozer blade - 3 PH cultivator **(tractor & equip offered as an entirety)** good cond.), I.H. 2 bottom FH plow, Ford 4 bottom 16" 3 P.H. plow, Int. 7 shank chisel plow (like new), N.H. **300** manure spreader, N.I. 206 manure spreader, N.I. 7' FH sickle mower, N.I. **290** mowditioner (new knife & guards), Int. 47 baler w/ thrower, Int. "35" hay rake, 12' Oliver 254 disc (completely rebuilt), Int. 12½ ft. Vibra shank field cultivator w/midwest harrow **(like new),** 10' disc, 12' harrow, N.I. 46' PTO auger - 6" on transport, Woods Bros. 1-row corn picker, 3 high side hay wagons (good), (1) flat wagon 7'x13', Ficklin gravity wagon w/6 ton gear used about 2 times, Papec model **880** grinder mixer, 15' Burrows grain elevator, 12' Little Giant 6" grain auger, 16' Mayrath 6" grain auger w/ hopper, 24' hay & corn elevator w/motor, 10' 3 PH Ferguson weeder, 10" David Bradley hammermill w/bagger (new hammers), manure bucket, 1½ ton feed bin (almost new), PTO grass seeder, new & used assort lumber + sm. amt. of barn siding, 1500 ft. 2½" boiler pipe tubing (10'-14' pcs.), bucksaw, 7'x8' metal overhead door, 2-hole corn sheller, old rare N.H. burr mill, farrowing crates (some raised), 8-hole rnd. feeder, complete motor - drive - grate assy - hopper for Keystone furnace, 8' flourescent lights, sickle knife sharpener, I.H. belt pulley, chicken wire, chicken equip (feeders - water - etc.), side hill hitch, goat milking stand, iron troughs, pig feeders, barrels, fence chargers, barn hinges, storm windows, traps, milk can, stainless steel cooler doors **only** complete, some additional items till sale day.

(Refreshments by Hetzels Church Softball Team)

Auct. Note: Sale will be started w/a flat wagon full of sm items of interest. FARM EQUIP WILL BE APPROX. 11:00 A.M. Don't be late. Quality equip.

Terms: Cash or good Pa. cks. only. Out of state buyers must have current bank letter of credit & proper ID.

Not responsible for accidents!

Call 717-345-8079 for information

Sold For:

Paul L. & Betty M. Weaver

Eugene G. Klinger Auct. Service
Hamburg, Pa. 215-562-4286
Lic. No. AU-002138-L
Robert Derfler App. Auct.
AA-001737-L

PUBLIC SALE

OF ANTIQUES AND HOUSEHOLD GOODS

Ephrata

SATURDAY, JULY 16, 1988

At 9 A.M.

Located at 1205 West Main St., Ephrata, Lanc. Co., PA.

BLIND WALNUT DUTCH CUPBOARD with Rattail Hinges, **CHERRY DINING ROOM SUITE; HALF SPINDLE SETTEE; MAHOGANY BEDROOM SUITE,** 4-Poster Bed; Curved Oak China Closet; **MEDITERRANEAN DINING ROOM SUITE; ENTERTAINMENT CENTER;** 2 Color TV's; Wool Rugs; Marble Top Tables; 1836 Isaac Brubaker Wool Spread; Oak Rocker; Piano Stool.

Patio Set Table; Freezer; Microwave Oven; Refrigerator; Air Conditioners; Exercycle (Motorized); Reed Baby Stroller; Brass Kettle; Brass Andirons; Black Boy Fishing Lamp; Tinware.

Dutch China; Pope Gosser "Dogwood" China; Collector Plates; President Plates; Ironstone; Pressed & Pattern Glass; Norman Rockwell Figurines; Norman Rockwell Plates; Hummel Plates (Complete Set 1971 to 1986); Hummel Anniversary Plates; Skillets; Tea Set; Agate; Cigar Jars; Collector Bottles; Pie Paddles; Washboard; Wood Tub; Earthen Bowls; Baskets; Milk Pail; Child's Tea Set; Noritake.

Dolls; Crocks & Jugs; Copper Washboiler; Elvis Collectibles; Lance Cracker Jars; Slaw Board; Linens.

TOOLS - 14 H.P. JACOBSEN TRACTOR. Lawn-Boy Mower; Edger; Chain Saw; Air Compressor; Gas Hedge Trimmer; Wrenches; Socket Sets; Extension Ladder.

ANTIQUE TOOLS - Drawing Knives; Broad Ax; 25 Wooden Planes.

Terms By

CHRISTIAN ZINN
MARGARET ZINN

HORST AUCTS.
T. Glenn
Timothy G.
Thomas A.

AUCTS.
AU438L
859-1331 - 738-1245
"VOICES OF EXPERIENCE"

PUBLIC AUCTION

OF VALUABLE REAL ESTATE- ANTIQUES- PERSONAL PROPERTY

ON TUESDAY EVE. JULY 12, 1988

AT 5 P.M.

At 230 East Clay Street, Lancaster, Penna. The undersigned Executors of the T. Elizabeth Holden, A/K/A Elizabeth T. Holden Estate will offer at public auction the following:

REAL ESTATE

Real estate known & numbered as 230 E. Clay St., consisting of a 3-story brick dwelling with pantry, kitchen, dining room & living room on first floor, open stairway to second floor which has 3 bedrooms and a full bath, 2 rooms on third floor, cemented basement with outside entrance, heated by oil hot air heat, has a gas hot water heater, 100 amp electric service, front & back porches, storm doors & windows, back yard area. Real estate is in good condition and will be open for your inspection on Thurs. June 30, 6 P.M. to 8 P.M. and Sat., July 9, 10 A.M. to 12 noon and 2 hours prior to auction. TERMS: $4,000.00 down at time of auction, balance in 60 days. Real estate will be offered at 6:30 P.M.

ANTIQUES & PERSONAL PROPERTY

Blanket chest, Empire chest of drawers, jelly cupboard, washstand mantle clock, quilt, GE no-frost refrigerator, Frigidaire automatic washer & dryer, RCA XL-100 color Trac TV, matching love seat - sofa & chair, sm. bookcase, 3 & 4 Pc. double bedroom suites, chest of drawers, drop leaf table, server, tank sweeper, kneehole desk, Leonard refrigerator, singer treadle sewing machine, single cot, shaw, afghan, table & floor lamps, elec. heater, radio, glider, table & chairs, card tables, odd tables, stands & chairs, washbasket, books, linens, sewing cabinet, crock, usual sm. electrical appliances, market cart, hose, kitchen utensils, asst. dishes & glassware and many other articles too numerous to mention. Not responsible for accidents on day of auction.

TERMS: Cash or Approved Check.

MELUCENA C. MAUER
MELANIE STOVER
ROBERT STOVER
Co-Executors

Jacob A. Gilbert, Lic. #336
Brian L. Gilbert, Lic. #2256
Auctioneers
James J. Fritz, Attorney

SPECIAL SALE

At
New Holland Sales Stables, Inc.
FRIDAY, JULY 22, 1988
Located 12 Miles East Of Lancaster, Pa.
Just Off Rt. 23, New Holland, Pa.

Consisting of

Tractors & Horse-Drawn Farm Equipment-Supplies-Small Items

SALE OF SMALL ITEMS 9:00 A.M.
Sold Off Wagons or Trucks Only.

FARM EQUIPMENT 10:00 A.M.

A list of your sale items must be in our office by Tuesday, July 12 to be included in our complete listing in the July 16 issue.

For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341.

New Customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

NEXT SPECIAL SALE, FRIDAY, AUGUST 19, 1988

SAT JULY 23 - 2PM Real Estate Two and Half Story House and Two Story Barn in Leola, Lanc Co, Pa. along Rt. 23 just East of Jct 772 North and Rt 23. For Robert Herman. Steve Petersheim, auct

SAT JULY 23 - 2PM 25 Acres M/L Farm, Victorian Dwelling, Stone Barn Dam—Conestoga Creek Located at 423 W Farmersville Road, West Earl Township, Lancaster Co, Pa (Directions Rt 222 to Brownstown — Rt 772 East to traffic light in Brownstown — Turn left onto Main St — Turn right at bridge to property) Morris & Ruth Ann Hursh, Owners Horst Aucts

MON JULY 25 - 3 30PM Antiques & Household Goods Located at 20 Broad St, Ephrata, Pa Joe J Ice, Owner Horst Auct

TUES JULY 26 - Holstein dairy cattle for Sam Heagy, Route 4, Lebanon Harry H Bachman, auct

TUES JULY 26 - 5PM Real Estate 7PM 4 Plus Acres, Mobile Home, Household Goods Located Rear 131 E Main St, Brownstown, Lanc Co Pa Mabel R Booth, Owner T Glenn, Timothy & Thomas Horst

WED JULY 27 - 9 30AM Long Island Lighting Co Shoreham, NY Welding Equipment, Electrical, Mechanical, & Contractors, Tools.

WED JULY 27 - 7PM 14 Unit Apartment Property Ephrata, Pa Paul S Kauffman Estate Horst Aucts

THURS JULY 28 - 9AM Dolls At Noon, Coins At 3 30 PM Antiques, Household Goods, Collectibles, Dolls, Coins 252 Hurst Rd, Martindale, Lanc Co, Pa Directions Rt 322 E Of Ephrata To Light Onto Martindale Rd, Grist Mill Rd To Hurst Rd Irene E Witmer, Owner T Glenn & Timothy G, Thomas A Horst

THURS JULY 28 - 10AM Eastern Excavating, Montgomeryville, Pa Excavating & Paving Equipment

FRI JULY 29 - 5 30PM Gap Auction- HH, Antiques, Tools Located near the Town Clock opposite the Minit Market in Gap, PA Ira & Dale Stoltzfus & Luke Whitman, Aucts

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By Order Of The U.S. Bankruptcy Court

PUBLIC REAL ESTATE AUCTION

116 ACRES OF PRIME FARM LAND WITH TWO HOMES & FARM BUILDINGS!

SATURDAY, JULY 23RD 11:00 AM

Formerly: Donald Isaacs Farm- Located On The Corners Of Routes SR3027 (Minnequa Rd.) & SR3025 (Baldwins Rd.) RD#2, Canton, PA.

**** AUCTION TO BE HELD ON SITE! ****

TERMS OF SALE: 10% Deposit Required At Sale By Successful Bidder. Balance Upon Closing. Closing Within 45 Days.

SALE SUBJECT TO COURT APPROVAL!

PAYMENT: Cash, Certified Funds, GOOD Check Accompanied By Bank Letter Of Credit Guaranteeing Funds To Col. Steve Sitar.

PREVIEW/INSPECTION: By Appointment.

BUILDINGS CONSIST OF: House: 3 Bedroom Ranch, 1st. Flr. 960 Sq. Ft. *Farm House: 1st. Flr. 900 Sq. Ft. *Dairy Barn: 36x110 1st. Flr. 3,960 Sq. Ft. *Garage/Granery: 18x24 *Milk House: 12x18 *Shed: 40x60 *Pole Shed: 24x40 *Silo: 18x65 *Machine Shed: 24x60 *Silo: 16x45 *

CALL OR WRITE FOR DETAILS!

COL. STEVE SITAR & CO.
P.O. BOX 779 - WAVERLY, PA 18471
(717) 586-1397 PA LIC# AU0002124-L

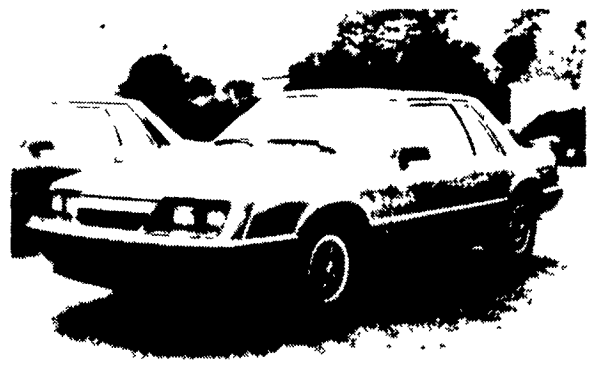
88C063

ABSOLUTE AUCTION

Carlos R. Leffler, Inc.
FUEL DISTRIBUTOR

Sat., July 16 - 10:00 A.M.

Richland, PA
(Near Lebanon)



(4) 1986 Ford Mustangs

(3) **1986 Ford Mustangs,** 4 cyl. 2.3 litre gas, auto. trans., w/a/c, (All Have Under 50,000 Miles - 1 W/NEW Motor), good; **1986 Ford Mustang,** 4 cyl. 2.3 litre gas, auto. trans., fair to good.

Vans, Pickup, & 4x4

1980 Ford E250 Panel Van, V8 gas, auto. trans., w/roof mtd. ladder rack, good; **1976 Chev. G10 Panel Van,** 6 cyl gas, 3 spd. trans., w/roof mtd. ladder rack, good; **1971 Ford F250 Pickup,** V8 gas, 3 spd. trans fair, **1980 IHC 4x4 Scout,** V8 gas, auto. trans., w/a/c, good.

(16) Truck Tractors

1983 IHC 4270 T/A Conv. Truck Tractor, Det. 6V92 dsl., R.R. RT9509, 9 spd. trans., (4) **1980 IHC 4270 T/A Conv. Tractors,** Det. 6V92 dsl., R.R. RT9509, 9 spd. trans.; (5) **1979 IHC 4270 T/A Conv. Tractors,** Det 6V92 dsl., R.R. RT9509 9 spd trans.; (3) **1978 IHC 4270 T/A Conv. Tractors,** Det. 6V92 dsl., R.R. RT9509, 9 spd. trans., **1978 IHC 4270 T/A Conv. Truck Tractor,** Det. 8V71TT dsl.. R.R. T1056A 6 spd. trans ; **1977 IHC 4270 T/A Conv. Truck Tractor,** Det 8V71TT dsl., R.R T1056A 6 spd. trans.; **1972 Ford C9000 T/A Cabover Truck Tractor,** Det 8V71 dsl R R RT09513 13 spd trans

(11) Alum. Tank Trailers

(2) 1976 **Fruehauf** T/A 9,200 gal. 4 Compartment Alum. Tank Trailers, 1975 **Fruehauf** T/A 9,200 gal 4 Compartment Alum Tank Trailers; 1976 **Pennco** T/A 9,000 gal. 4 Compartment Alum Tank Trailer; **Fruehauf** T A 8,600 gal 4 Compartment Alum. Tank Trailer; **Pennco** T/A 8,500 gal. 4 Compartment Alum. Tank Trailer, **Pennco** T/A 8,500 gal. 4 Compartment Alum Tank Trailer; **Heil** T/A 8,500 gal. 4 Compartment Alum. Tank Trailer; (2) **Butler** T/A 7,250 gal Sgl Compartment Alum Tank Trailers; **Pennco** T/A 7,000 gal. Sgl. Compartment Alum. Tank Trailer

High Flatbed Trailers

Fruehauf 45' T/A High Flat Trailer; (3) **Trailmobile** 40' T/A High Flat Trailers; **Fruehauf** 40' T/A High Flat Trailer, **Fruehauf** 40' T/A High Flat Trailer.

Dump Truck & Cab & Chassis

1978 Ford F800 S/A Dump Truck, V8 gas, 5+2, **1973 Ford C8000 S/A Cab & Chassis,** Cat 1160 dsl., 5+2; **1972 Ford C8000 S/A Cab & Chassis,** Cat 1150 dsl., 5+2.

Detroit, Cat, Mack, & GMC Parts

(2) **Detroit** 6V92 Used Engines; **Detroit** 8V71 Used Engine Less 1 Head **Chev.** 350 Used Short Block W/Heads, Cat 1160 Block - As Is; (2) 6V92 Roots Blowers - Used; (5) 6V92 Turbo Chargers - Used; (5) 6V92 Water Pumps - Used, (5 pallets) Misc. 6V92 Parts; **Mack 673 Crank; Mack** 673 Engine Parts; **Mack** R Model Front & Rear Springs, **Mack** R Model Radiator Tap Tank; Some B-61 Parts; **GMC** 9500 Radiator; Misc **GMC** 9500 Parts; GMC & Trailer Springs; **Neway & Reyco** Hangers; Misc. **Mack** Brake Lining; **Delco** Starter & Generator Parts; (2) **Air-O-Matic** Power Steering Kits; Misc. Tackographs

Location: The Sale Will Be Held At Leffler's Main Office & Shop Facility At The Corner Of Main St. & Linden St. In Richland, PA.

EVERYTHING SELLS AS-IS WHERE-IS TO THE HIGHEST BIDDER REGARDLESS OF PRICE.

VILLSMEIER AUCTION CO., INC.
Route 309, Montgomeryville, PA 18936
1-800-BID-N-BUY (215) 699-5833
Lic. No. AY-000958-L

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.

INSPECTION: One week prior to the sale from 8:00 a.m. to 4:30 p.m.

JOHN E. CLAY

PUBLIC AUCTION

MONDAY, JULY 18, 1988

5:00 P.M.

FARM EQUIPMENT - ANTIQUES TOOLS & SHOP EQUIPMENT HOUSEHOLD GOODS - PONY 1980 FORD VAN

SALE HELD ON PREMISES: At the farm on Murray Rd., R.D. #2, Annville, East Hanover Township, Lebanon County, Pennsylvania.

ANTIQUES

Solild walnut **Packard Organ** circa 1850, beveled mirror very ornate with high back, Prizer Peerless cook stove, old milk cans, single kettle butcher stove, old meat hooks, 22 enterprise meat grinder with bench and pully, quilts and quilt tops, oak chairs, chicken crate.

1980 FORD VAN

Powered by 300/6 cyl. engine, 4 speed overdrive, power steering and brakes, auxiliary fuel tank, 4 captains chairs and sofa bed, currently inspected with trailer hitch.

PONY

Six year old white pony with saddle and bridle.

FARM MACHINERY & SHOP EQUIPMENT

404 New Holland hay crusher, David Bradley PTO driven corn sheller, #7 corn picker as is for parts, flat bed tandem axle trailer 10,000 GVW electric brakes and break away switch currently inspected and in good road worthy condition, 180 amp Lincoln AC welder, Craftsman industrial metal hacksaw with ½ Hp electric motor, 4 inch jointer planer, 6 hole hog feeder, blow torch and bottles with welder and cutting heads, 10 ton port-a-power, table jig saw, 10 Hp gas engine, 6 & 12 volt battery charger, metal tool cabinet on rollers, body shop tools include fender sander, pad orbital air sander, block planes, air impact wrench, air hammer and air chisels, impact sockets, mechanical tools, wrenches, hammers, 275 gallon fuel tank, ½ inch socket set, 3/8 inch socket set, chain block and tackle, old style wheel balancer, Black & Decker buffer, Black & Decker 5½ inch skil saw, air grinder, car parts, nuts/bolts hardware, electric boxes, shop vac, ¾ Hp electric motor, jack stands, car ramps, 10 speed bikes, scythes, heavy steel table, Gibson lawn vacuum, hand crank meat slicer, tires and rims, 1975 Honda motorcycle CB 360T as is for parts, scrap steel and concrete blocks and bricks, Arrow stapler, 8 track recorder.

HOUSEHOLD

25 inch Sylvania color TV, Admiral 25 inch console, Hotpoint 40 inch electric range, dressers, coffee table, living room suite includes love seat, sofa & chair, general household goods, dishes, canning jars, toys.

FOOD STAND - Farm Women #18

The following items will sell at 7:00 PM Organ, cook stove, pony, Ford van, 10,000 GVW tandem axle trailer

DIRECTIONS: Go 6 miles North of Annville on Rt. 934 to Harpers. At Harpers turn left onto Old Rt. 22 (the narrow concrete highway), go 1½ miles & turn left onto Shirks Church Rd., go 1½ mi. on Shirks Church Rd., just before Shirks Meeting House turn left onto Murray Rd., Go ¼ mile to farm on right. Simply follow the auction arrows.

Auction Conducted By:

Ebersole & Shoop, Auctioneers

REAL ESTATE BROKERS — AUCTIONEERS

Nelson L. Ebersole License #AU-001307-L Phone: 717-867-5221

Ira R. Shoop License #AU-001631-L Phone: 717-534-2030

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JULY 30 - 9AM Real Estate, Household Goods, Tools, Antiques Located approx 4 miles south of Strasburg, Pa Corner of Rt 896 South & Keneagy Hill Road Paradise Township between Georgetown & Strasburg (Watch for signs) Marvin G Reimold, Owner Attorney Harry B Yost, Ron Funk & Gordon Ressler, Aucts

SAT JULY 30 9 30AM Baltimore Gas & Electric, Glen Burnie, MD Construction Equipment, Trucks, & Light Duty Vehicles

Farm Equipment at Marion, Pa Ralph W Horst, Marion, Pa 17235, Manager.

FRI AUG 5 - 1 30PM Pigs State Graded Sale Westminster Livestock Auction, Westminster, Md

SAT AUG. 6 - 9AM Located 1 mile North of Rt 23 from Leola Family Restaurant on Windy Tore Rd Complete line of light & heavy steel shop tools & inventory Forest Hill Machine Shop, Daniel S Glick, owner Auct. Steve & Steve, Jr, Petersheim

SAT AUG 6 - 9AM Located Near Village Of Center Annual Amish Parochial School Benefit Sale. For Consignment Contact Martin A. Weaver, RD 2, Box 109, McAlisterville, Pa 17049. Bryan D. Imes, Auct.

SAT. AUG. 6 - 9:30AM Niagara Mohawk Power Corp. Rome, NY. Line/ Construction Equipment & Utility Vehicles.

SAT. AUG 6 - 10AM 3½ Acre Farmette, Household, Horse Equip, John Deere Riding Lawn Mower Located near Lake Wynonah, Schuylkill Co, between Summit Station & Cressona, Pa along Rt 183 Turn onto Reedsville Dr & go 1 blk, turn right on Miller Rd to 1st place on left Owners Robert & Rebecca Stoyer Eugene G Klinger Aucts

SAT AUG 6 - 10AM William E Meyer Complete Potato Farm Dispersal. Castile, (Wyoming Co.) New York. Pirrung Auctioneers, Inc. Wayland, NY 716-728-2520.

FRI. AUG. 12 - 11AM 70 Head Of Registered & ID Grades. Located ¼ Mile East Of Fire Hall In Blue Ball On Route 322 On The North Side Of Highway. Owned By, Adam & Jerrene Zimmerman. Paul Snyder, Auct.

AUGUST

MON EVE AUG. 1 - 6PM Real Estate, 2½ story brick apt building & third apt at rear of property Located 111 South College St, Myerstown, PA (Leb Co) Dwight D Miller, Auct

TUES AUG 2 - 6 30PM 4 Acre Farmette for Aaron & Shirley Newswanger Located at RD 1, Denver, near Fivepointville Auctioneer Sylvan Witmer

WED AUG 3 - 9AM Philadelphia Electric Co Limerick, Pa Construction Equipment, Tools, & Material

WED AUG 3, THURS AUG 4, FRI AUG 5 - Large Three Day Sale Of

CENTRAL MANOR AUCTION

We Will Sell One Item Or An Entire Houseful And Pay You The Same Day That Your Things Are Sold... Or We Will Buy Your Antiques, Etc. For Cash... So Get Rid Of Those Good Old Things You Don't Use. Call Today. 717-285-5976, Or Bring Your Things To

CENTRAL MANOR AUCTION

690 Central Manor Rd.
Lancaster, Pa. 17603

We Receive Every Wednesday From Noon Until 8:00 PM For Our Regular Monday Night Sales.

TWILIGHT AUCTION

ANTIQUES, OAK FURNITURE, SAROUK RUGS, ANTIQUE CAR
FOR: THE ESTATE OF THE LATE MABEL J. BERGSTRESSER,
431 YORK AVE., LANSDALE, PA.

TUES. NITE, JULY 12, 1988
At 4:00 P.M.

CAR & RUGS SELL AT APPROX. 6:00 P.M.

1951 Buick Super Deluxe Dynaflow 4 dr. sdn., straight 8, A-title, garage kept & good running cond., wringer washer, H.P. refrigerator new cond., T.V. Following pcs. are oak: dining room suite w/ sq. china closet A-1 cond., 3 pc. bedroom suite A-1, chifferobe, library table, 2 rockers, dep. bedroom suite, cane seat chairs, empire bureau, treadle sewing machine, cedar chest, canning cupboard, mantle clock, living room suite, side chairs, 2 marble top stands, end tables, candle stand, clothes tree, quilt frame, floor model Atwater Kent radio, Ray-o-light, kero. light, Sarouk Oriental rugs, 10'x12', 22'x15', 16'6"x12', 14'x24" runner & throw rugs, pressed, cut, & dep. glass, ironstone pcs., toureens, semi porcelain pcs., agate ware, jars, Bishop Stoner dinner dishes, crocks. Partial listing.

(Note: Items in excellent cond. No junk.)
Cond. - Cash or approved check.

Auctioneers: Henry K. Freed & Sons
822-0723 Lic. #AU 000293 L

Sale

Used Lawn and Garden Inventory Reduction Sale
Saturday, July 16, 1988
1 P.M.

AC 810, 707, **Bollens** GT 14, **Yanmar** 146, **J.C. Penny** 14/40, **Cub Cadet** Models: 60, 76,80, 382, 105, 106, 108, 125, 127, 128, 800, 1250, 1450, 1650, 1605, 1610 w/ Bagger, 682 and 782; **Ford** LT 111 and YT 16H, **White** 1610 w/44" Mower, **JD** 57 and 112, **Wheel Horse** C81 and 211-5.

Many More Units Not Listed

Over 40 models Lawn & Garden Units traded this spring. Auction subject to deletions and additions until July 15th. Inspection of units Saturday, July 16th, 8 AM - 12 Noon. Plan to be early - No small items to be auctioned. Auction will start promptly at 1 P.M.

Terms Cash, Approved Check or Master Card.

Auction Held By:
Biggs Incorporated
34 Buckley Ave.
Rising Sun, Md.
301/658-5531

PUBLIC AUCTION

SATURDAY, JULY 16, 1988
8:00 A.M.

TRACTORS - MOWERS - BROOM EQUIPMENT - TOOLS - PARTS

LOCATION: Take Roosevelt Ave. Ext. (Bull Rd.) North off of Rt. 30 in York, PA, Approx. 3 mile to Graffius Rd. "Watch for Signs."

Allis Chalmers B Tractor w/Hydro Lift, PTO, Plow & Cult; Cub Cadet 149 Mower w/Hydrostatic Drive & Hydro Lift, Simplicity 16 hp. Mower w/Hydrostatic Drive & Blade, Craftsman LTV/10 Variable Drive Rider, AC 610 Rider w/Mower, Sunbeam 3 hp. Electric Snowblower, Remington Mighty Mite 500 Chainsaw, Farmall H Heathouser, McCullough MAC 10 Chainsaw, Echo Weedeater, (2) 85 MF Riding Mowers, Sears 8 hp. Rider w/Mower, (2) Snapper Riders w/Rear Bag, (2) Leaf & Limb Shredders, Ground Drive Manure Spreader, Spike Harrow, 2 & 3 Section Spring Harrows, Disc Harrow, 10 ft. Packer, Woods 5 ft. Pull-Type Mower, Seeder, Gas Powered Sweeper, Troy-Bilt Rear Tine Tiller 8 hp. w/Electric Start, MF Front Tine Tiller, Power Sprayer w/Engine, Parker Lawn Sweeper, AC Vacuum System, Aereator, Lawn Spreader, Lawn Cart, Murray Self-Propelled Mower, Garden 3 pt. Plows, Potato Cutter, Trailer Frame, Electric Riding Mowers, Numerous Lawn Mowers, Baltimore Broom Sewing Machine, H&D Straw Cutter, Broom Corn Cleaner, Hand Vise for Broom Sewing, (2) Broom Wrappers (1 Manual - 1 Electric) Broom Handles & Parts, Wood Lathe, Chisels, Foley Mod. 200 Saw Filer, Foiley Auto Filer & Jointer, Automatic Saw Retoother, Forge, Blade Polisher, Chainsaw Sharpener, Scissors Grinder, Hydraulic Grinders, Bed Knife Grinder for Reel Mower, B&D Valve Refacer, 20 Ton Hydraulic Press, Bench Grinders, Battery Chargers, Hand Sprayers, Lots of Mechanics & Carpenters Tools, Corn Sheller, Drill Press for ½ " Drill, Wheelbarrow, Bag Trucks, Numerous Floor Jacks & Stands, Pipe Wrenches, Band Saw, Armature Tester, Armature Lathe, Cabinet Clamps, Pipe Threader, Electric Drills, Parts Washer, Work Benches, Hand Hydraulic Pump, Drill Index w/Bits, Hammers & Hatchets, Paint Sprayers, Tap & Die Sets, Spark Plug Cleaner Outfit, Acetylene Outfit, Air Greaser, Wheel Pullers, Riveter, Air Compressor, Piston Water Pump, Hand Saws, Shop Hoist, Platform Scales, Alum. Ext. Ladders, Several Complete Engines, Shop Manuals, Lots of New Briggs Parts, Cable, Wire, Extension Cords, Lots of Hardware, Bolts, Wheels, Chains, Auto Parts, Sm. Engine Parts, School Desk, Mower Blades, Filters, Chainbinders, Cans & Drums of Oil, Grease, Gear Lube, Etc; Barrel Pumps, Truck Topper, Scaffolding, Chunk Stove, Spray Material, Beds & Parts, Tires, Aluminum, Tin & Iron Piles, Lumber, Hardwood Flooring, Hay Hook, File Cabinets, Kero Heater, and MUCH MUCH MORE!!!

TERMS: CASH OR GOOD CHECK

CONDUCTED FOR:
WILLIAM H. GRAFFIUS ESTATE
Ernest Graffius - Executor

AUCTIONEERS:
Blaine & Nevin Rentzel #761 & #2483
Butch Landis #1167
(717) 764-6412

PUBLIC SALE

OF VALUABLE ANTIQUES, COLLECTIBLES, GAS ENGINES, BUTCHER TOOLS & MISC. ITEMS

TO BE HELD ON

SATURDAY, JULY 16, 1988
AT 9:00 A.M.

LOCATION: Rt. 111 (old trail) in Jacobus to Valley Rd. turn right, .8 mile to sale OR I-83, Exit 3 Loganville west to old trail. Turn right, proceed to Jacobus to Valley Rd. turn right, to sale. FOLLOW SIGNS!

ANTIQUES & COLLECTIBLES & HORSE DRAWN ITEMS

Reliance oak ice box, nice; pine dry sink w/ zinc lining; oak dry sink; pine high top kitchen cabinet w/ 12 window panes, nice; pine church pew; 4 rope beds, pine side board; Empire chest of drawers; 5 leg oak drop leaf table; pine dove tailed blanket chest; chest of drawers; pine cabinet; 2 floor model radios; oak pump organ, nice; oak white treadle sewing machine; oak treadle Singer sewing machine; rocker, odd chairs; Grand Bride cook stove; Buck Walter pot bellied stove; Howel & Windsor stove; Columbian Censor coal stove; Small & Smyser coal & wood stove, York, Pa.; school desk; corner cupboard; pine hutch; sad irons; gypsy pot; wash boiler, church light; hanging scales; egg crates; crocks; ½ bu. measure; cream cans, milk cans; nice; Pepsi Cola thermometer; leather couch; apple butter kettle; apple butter stirrer; butter scales, nice; dishes; stainless steel pans; 2 horse buckboard wagon, nice; early horse buggy made by Wise Bros., nice; 1 horse cutter sleigh by Wasso Carriage & Sleigh Co.; signed grain cradles; harness & collars; 2 two hole corn shellers (1 from B.M. Root, York, Pa. & 1 Hench & Dromgold, York, Pa); 2 platform scales; horse plows; grain fan; 1 horse ice cutter; wagon seats; straw cutter; double trees; single trees; iron wheels; Auchey cast iron water trough; lightning rods & weather vane; wooden pulleys; blacksmith tongs; blacksmith hammers, hand augers; wheelwright; wooden wheelbarrow; Model T Ford tool box; wooden shovel; 2 wooden straw forks; 10 gal. gas cans; 1960 Case tractor banner & more.

GAS ENGINES & PLATE MILL

3 hp Domestic gas engine on original truck, made in Shippensburg, Pa; Associated 1½ hp. gas engine; Frost King (Lawson) 1½ hp. gas engine; New Holland plate mill.

BUTCHER TOOLS

Farmer's Friend 2 hole butcher furnace; 1 hole butcher furnace made in New Oxford, Pa.; scalding trough; meat benches; meat grinder; sausage stuffer, lard press; kettles and kettle hangers.

FARM MACHINERY & MISCELLANEOUS ITEMS

J.D. 4 section harrow; J.D. cultivators; Dellinger hammermill; grass seeder; 2 big oscillating fans; hog troughs; pipe; bench vise; snow fence; fodder shredder; 4 hole hog feeder; chicken feeders; 275 gal. fuel tank w/ pump; new dusk to dawn light; new lawn cart; garden tools; push mowers; step ladders; 24' wooden ext. ladder; 55 gal. drums; tools; Craftsman ¾ " drive socket set; chestnut rails & logs; 20' roof rafters; several piles of lumber; several piles of tin; log chains & wagon load of small items found around the farm.

TERMS: Cash or good and approved check.

(NOTE) 1977 Pontiac Car, 4 Door, Green, 82,000 Original Miles, PS, PB

OWNER: ROBERT (BOB) INNERST
R.D. #2 Box 326, York, Pa. 17403
(717) 428-2345

AUCTIONEERS:
Melvin Haines (717) 764-2241
Ralph Bronneman (717) 741-1728
LIC #379L 708L

REFRESHMENTS WILL BE SERVED.
— NOT RESPONSIBLE FOR ACCIDENTS!

"7 UNIT APARTMENT COMPLEX"

PUBLIC SALE

OF
7 UNIT APARTMENT COMPLEX — 2 BUILDINGS
EPHRATA, PA.

TUESDAY EVENING
JULY 12, 1988
SALE AT 7 P.M.

Located at corner of Church & Chestnut Sts., Ephrata, Lanc. Co., PA.

3 STORY BRICK DWELLING
CONTAINING 6 APARTMENT UNITS

APARTMENT No. 1 — first floor - living room, kitchen, bathroom, one bedroom, access to full basement — current rent - $285.00.

APARTMENT No. 2 — first floor - living room, kitchen, bathroom, one bedroom, access to full basement — current rent - $325.00.

APARTMENT No. 3 — second floor - inside stairway, living room, kitchen, bathroom, one bedroom — current rent - $285.00.

APARTMENT No. 4 — second floor - inside stairway, living room, kitchen, bathroom, one bedroom — current rent - $285.00.

APARTMENT No. 5 — third floor - sitting room, kitchen, bathroom, one bedroom — current rent - $250.00.

APARTMENT No. 6 — third floor - sitting room, kitchen, bathroom, one bedroom — current rent - $250.00.

All above mentioned apartments furnished with refrigerators & stoves. All have **recently been remodeled and are in excellent condition.**

FRAME SIDED DWELLING w/3 GARAGES

APARTMENT No. 7 — living room, kitchen, bathroom, 2 bedrooms, large covered porch — current rent - $210.00.

EACH APARTMENT HAS SEPARATE HEATING SYSTEMS & ELECTRIC SERVICE.

Total income $1890 per month — property owner pays sewer & water (approx. $780 per year).

OPEN HOUSE: Sat., July 2 and Sat., July 9 or for information and inspection call 717-354-7063.

TERMS BY:
DAVID L. & EDNA Z. WEILER

HORST AUCTS.
AU438L
T. Glenn
Timothy G. 859-1331 — 738-1245
Thomas A. *"VOICES OF EXPERIENCE"*

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

FRI AUG 12 - 11AM Herd Dispersal of 65 Head, Purebred Cows & Heifers. Located along Rt 322 in Blue Ball, Pa, Lanc Co Sale By Jerrene & Adam Zimmerman Paul Snyder, Auct

FRI AUG 12 - 1 30PM State Graded Feeder Pig Sale Grading 7 30-11 30AM Carlisle Livestock Mkt, Inc Exit 12 off I-81

FRI & SAT AUG 12 & 13 - Back-East Summer Farm Toy Show & Auction New Holland Fire Hall Dave Nolt & Dale Stoltzfus, Aucts

SAT AUG 13 - Absolute Real Estate Auction Of 44 Acre Farm & Machinery 2 Miles From Nottingham Pa & 30 Miles S Of Lancaster, Pa At 241 W. Ridge Road, Open House On July 21st- 12 To 4 P.M Also Saw Mill, #600 Ford Truck, 18 Tractors, Household, Tools, Etc Only 6 Miles From I-95 By Order Of Owner Elmer E Janney Whiteside Auction Service, Harry W & Jeffrey E Whiteside, Aucts Several Amish Farms Close By.

SAT AUG 13 - 9AM HH, Antiques, Tools, Antique Tractor & Miniature Antique Steam Units Loc 1 mi N of Intercourse, on 772 W Newport Rd, Lanc Co, Pa Terms by Kore M & Annie Stoltzfus. Auct Robert E & Jeffrey R. Martin

SAT. AUG 13 - 9AM Antique & Collectible China, Glassware, Furniture, Etc To Be Held at the Farmersville Fire Hall, E Farmersville Rd, between Brownstown & Hinkletown, Farmersville, Lanc Co, Pa Catalogue available by mailing $5 00 to Stauffer Auction, c/o C.E. Spohn, 837-B W. Main St, Ephrata, Pa. 17522. Mahlon & Bertha Stauffer, Owners. T Glenn, Timothy & Thomas Horst

SAT. AUG. 13 - 10AM Real Estate 1PM. Ford 600 Truck w/Dump, (18) Tractors, Tools, Frick Saw Mill, Antique Farm Items, Cupboard & Etc Location 241 W. Ridge Rd. West Nottingham, Twp Ches. Co. Pa. Turn off Rt. 1 by-pass ½ mi. N. Mason-Dixon Line. Follow 1 mi. to sale 2 mi S Nottingham, Pa. 3 mi N. Rising Sun, MD 30 mi from Wilm., DE & Lanc., Pa. Peter J. Weygandt, Attorney. Elmer E Janney, Owner. Whiteside Auction Service

FRI AUG. 19 - Ace Drilling Coal Co & South Fork Equipment Co Complete Liquidation. Summerhill, Pa. Earthmoving & Mining Equipment

FRI. AUG. 19 - Anastasis Farm Complete Dairy Herd Dispersal- 150 Head Registered Holsteins Huntington Co, Pa Edwin L Steach, Owner. Kling's Auctions, Inc, Sale Mgrs

FRI AUG 19 - Special Sale. New Holland Sales Stables, Inc, New Holland, Pa

FRI. AUG. 19 - 1.30PM Pigs State Graded Sale Westminster Livestock Auction, Westminster, Md

SAT. AUG 20 - 9 30AM Real Estate 1 PM Val. Real Estate, HH, Antiques, Coins & Stamps Loc 2 mi W of Intercourse, turn off Rt. 340 on Old Leacock Rd. to 166 Maple St, Gordonville, Leacock Twp, Lanc Co, Pa. Terms by Charlie L Lefever. Auct: Robert E & Jeffrey R Martin

INDIANA FARMERS LIVESTOCK MKT.

Old Rt. 119 Homer City
412-397-2300 412-479-2600

STATE GRADED FEEDER PIG SALE

Every 4th Friday of the month starting July 22, at 7:30 PM

All pigs must be checked in between 8:00 am & 12:00 pm to be STATE GRADED.

CONSIGNMENT SALE

OF FEEDER PIGS & FEEDER CATTLE

FRIDAY, JULY 15, 1988
at 6:30 P.M. Sharp
Held at Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles east of Middleburg, PA, 5 miles west of Selinsgrove, PA.

Early consignments accepted
Bring a load - buy a load

Owners,
DON & WALT KEISTER

For information call
717-837-2222, 717-966-2856
or 717-523-0360
Terms: Cash
Auctioneers:
Bryan Imes & Ray Long
Restaurant Open

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

SHORT NOTICE SALE
TUESDAY EVE., JULY 12, 1988
7:30 P.M. D.S.T.
SELLING HERD FOR EARL HOFFMAN
Dauphin County

Consisting of 47 Head. 40 milking, 7 Bred Heifers.

This is a nice young herd, ½ purebred, 1 Jersey, 1 Guernsey and 2 Red and White Holstein fresh cows. Others due July-Aug.-Sept. A year round herd.

Breeding and freshening dates announced. Pregnancy checked. This herd certified and accredited.

Selling due to labor problems.

xxxxxxxxxxxxxxxxxxx

Also Selling

1 Load of top Fresh and Springing New York State cows, 8 picked from one herd. Real group of cows.

12 Springing and Short Bred Heifers, some vaccinated.

WALTER H. RISSER, Proprietor
717-733-2444
Home 717-838-4318

PUBLIC AUCTION

For Mr. & Mrs. Joseph Hixon,
Rt. 173, Bloomsbury, N.J.
Approx. 6 Miles from Easton, PA
toll bridge.

TUESDAY, JULY 19,
9:30 a.m.

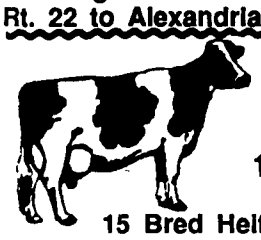
1914-3 door model T Ford car with original wheels & upholstery, 2 spare tires in brass tire carrier never used, brass radiator, lights, lamps & motor meter, Mr. Hixon only 2nd owner, has had the Ford for 49 years. Lots of model T parts, windshields, axles, clocks, lights, speedometers, luggage carriers, running boards, steering wheels with 2 locks, complete band holders, water pumps & more. Brass Ford & Daniels motor meters, 1928 Essex car boot top, water pumps & side mirror. Imperial Olds 6-volt brass siren, wolf whistle for car, 6 volt Klaxton horn, exhaust whistle for truck, brass steam whistle, Tally-O-Horn w/reed, 2 ¾ hp economy gas engine, 8 brass oilers, 2 Wilson Bros., Easton, PA corn meal grinders w/large wheels, Blacksmith Forge & tools, 150 lb. anvil, 3 broad axes, Coopers adz, wood & molding planes, slate tools, 100-11"x22" slate, leg vice, 2 bag carts, 7 old draw knifes, 2-row hand corn planter, 2 coal telescope chutes, 12 model T Ford lanterns, D L & W - LI-Adlake & other railroad lanterns, Dietz inspector lanterns, large red globe, high ball lantern, 4-50 ton railroad jacks, railroad spike hammers, tie carrier, car movers, oiler, D L & W 1922 car service book, walking plow, fodder cutter, 2 grind stones, 1 hole corn sheller, items from Edison cement Plant, New Village, N.J. & numerous old tools. Wheel Horse 8 hp 36" cut riding mower, like new. Allis Chalmers 10 hp 42" cut riding mower, Homko 3 hp rototiller. Partial listing. Not responsible for accidents.

Terms: Cash or approved check.
Arthur Hanna, Auctioneer,
Bloomsbury, N.J. 201-995-7862
This listing will not appear again
—Clip & Save—
LUNCH

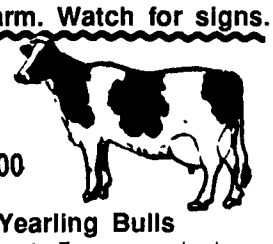
Short Notice Sale at GLOBE-RUN FARMS

R.D. Petersburg, PA - Huntingdon Co.
Complete Dairy Herd Dispersal Of
John Sr. and Annabelle Foster
Due To Their Retirement.

Farm is located just off Rt. 305 on Globe-Run Road. 18 miles south of State College — 16 miles north of Huntingdon — 30 miles northeast of Altoona. From the North take Rt. 26 through State College and continue over Tussy Mt., take the first blacktop road to the right at the foot of the mountain and then turn onto Rt. 305. From the south take Rt. 22 to Alexandria and turn onto Rt. 305. 10 miles to farm. Watch for signs.



MONDAY
July 11, 1988
Starting At 10:30 A.M.
100 — REGISTERED HOLSTEINS — 100
55 Milking Age
15 Bred Heifers, 15 Open Heifers, 13 Calves & 2 Yearling Bulls



The herd has been vaccinated for IBR, BVD, PI^3, Haemophilus, Lepto 5 on a regular basis for the past 10 years. The herd has been certified and accredited for 12 years All animals of age have been calfhood vaccinated for Bangs.

30 DAY HEALTH CHART & PREGNANCY CHECK

Herd is classified and DHIR tested—
Dec. 87 DHIR Lactation Average 19,259M. 3.6% 700F. 3.1% 605 Lbs. Protein
Feb. 88 B.A.A.- 105.4 selling 1 EX.- 13 V.G.- 16 GP- of this group 5 have EX.M. & 14 have VGM.

This Is A Young Herd With Fancy Udders.—Average Age At Calving Is 3 Yrs.

Sires Include:

Columbus, Wayne Springs, Citation R, Warden, Odessey, Astro Jet, Starbuck, Valiant, Elevation Tony, Quality Ultimate, Messiah, Chaplain, Tradition, Elevation Pete, Elevation, Sexation, Globe-Run Glendell Word, Globe-Run Glendell Tim, Globe-Run Matt Max

Service Sires Include:

Wayne Springs, Warden, Messiah, Astro Jet, Triple-Threat, Tab, Camero, Hy-Class, Classic, "Globe-Run Warden Top Gun", Service Sire Globe-Run Warden Top Gun Is The Son Of The Well-Known Globe-Run Sexy Darlene.

3 Yrs. EX 92 All E's
2-3 365 20,001 3.9 782F.
3-6 365 29,169 4.5 1317F.

TERMS: CASH OR GOOD CHECK DAY OF SALE

FOR MORE INFORMATION, PLEASE CALL US.

Catalogs Will Be Available At The Farm.
Sale Under Tent — Lunch Available

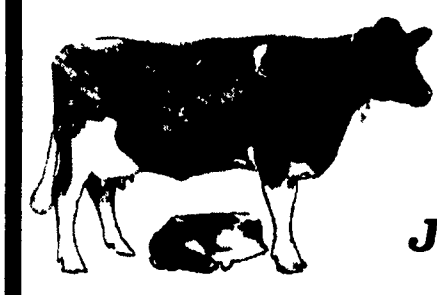
Owner,
John A. &
Annabelle Foster, Sr.
814-667-3567

Sale Manager,
John A. Foster, Jr.
814-669-9486

DAY TIME SALE

COMPLETE CHESTER COUNTY HERD DISPERSAL

At The Shady Lane Dairy Sales, Inc., ¼ Mile West of Quarryville Off Rt. 372 On Oak Bottom Rd.



130 HEAD
HIGH GRADE
HOLSTEINS

FRIDAY
JULY 22, 1988
11:00 AM D.S.T.

A real top herd of milking cows averaging 55 lbs. per day from Phillip Hicks.

Watch following newspaper
for full advertisement.

SHADY LANE DAIRY SALES INC.
23 Shady Lane
Quarryville, Pa.
Glenn 717-786-2750 Dave 717-786-1728

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT AUG. 20 - Annual Consignment Sale of the Kutztown Community Fire Co Turn off Rt 422 at light, go north on Rt 645 approx 1½ to 2 mi to the sale Henry Brubaker chairman of sale committee Local auctioneers

SAT AUG 20 - 9 30AM The 20th Annual Community Sale At The Leesport Auction Grounds Rt 61 North Of Reading Tractors, Lawn & Garden, Farm Equipment & Household Items Sponsored By Berks Co Porona Grange, Seven Local Auctioneers

SAT AUG 20 - 9 30AM Peoples Gas, Light & Coke Chicago, IL Utility Vehicles & Construction Equipment

SAT AUG 20 - 9 30AM Public Service Electric & Gas Edison, NJ Utility Vehicles

SAT AUG 20 - 1PM Rocking D Horse & Cattle Co Production Sale Reg Texas Longhorn Cattle To Be Held At Mt Springs Camping Resort & Rodeo Arena, Shartlesville, Pa 1 Mile North Of Shartlesville Off I-78- Exit 8 In The Heart Of PA Dutch Country Eddie Wood, Auct

THURS AUG 25 - Leb Co Holstein Club Sale, Leb Area Fairgrounds Harry Bachman, auct

THURS AUG 25 - 7PM Located in Sadsbury Township Lanc Co , Pa 1 mile west of Gap on Mine Road Real Estate Owners J Kenneth and Sadie Shertz Steve Petersheim, auct

SAT AUG 27 - 9 30AM U G I Corp Bethlehem, Pa Utility Vehicles

SEPTEMBER

THURS SEPT 1 - 6 30PM 2 Party Gun Collection Approx 61 Guns, all in nice cond , Winross Trucks At Bird-In-Hand firehouse Owners Miller & Witmer Aucts Steve & Steve Jr Petersheim

FRI SEPT 2 - 9AM Annual Fall Machinery Sale At the Belleville Livestock Mkt , Belleville, PA Glick, Gibboney, Aucts

SAT SEPT 3 - 8 30AM Williams Grove Historical Steam Engine Association Inc Located At Williams Grove Historical Steam Engine Association Inc Mechanicsburg, Pa Little Ike Eichelberger, Auct

THURS SEPT 8 St Thomas, Pa Dairy Cow Sale, Dale Niswander, Owner, Kling's Auctions, Inc , Sale Mgrs

THURS SEPT 8 & FRI SEPT 9 - Large Two Day Sale Of Farm Equipt , At Marion, Pa Ralph W Horst, Manager, Marion, Pa 17235

FRI SEPT 9 - 1:30PM State Graded Feeder Pig Sale Grading 7:30-11 30AM. Carlisle Livestock Mkt , Inc Exit 12 off I-81.

FRI. SEPT 9 - 7PM Horse Sale. New Holland Sales Stables, Inc , New Holland, Pa.

SAT. SEPT. 10 - 9:30AM United Telephone. Carlisle, Pa. Line Equipment & Utility Vehicles

SAT. SEPT 10 - 9:30AM Central Hudson. New Paltz, NY Utility Vehicles.

MON. SEPT. 12 - 3PM 5th Annual Fall Lawn & Garden Equip Cons. Auction at Farmersville Equip , RD4, Ephrata, Pa Located In The Village Of Farmersville. 717-354-2150, Paul E. Martin & John D Stauffer, Aucts

FRI SEPT 16 - Special Sale New Holland Sales Stables, Inc , New Holland, Pa

SAT SEPT 17 - Honey Brook Fire Co Quilt Sale Honey Brook, Chester Co Steve & Steve Jr Petersheim, Aucts

SAT SEPT 24 - 8 30AM Henkels & McCoy Strinestown, Pa Utility & Construction Equipment & Vehicles

SAT. SEPT 24 - 10AM Fall Heifer Sale New Holland Sales, Stables, Inc , New Holland, Pa

WED SEPT 28 - 1PM Real Estate, 200 acres in Sadsbury Township, Lanc Co , Pa 2 miles east of Gap, 1 mile south of Route 30 on Simmontown Rd Owner James and Elizabeth Stoltzfoos Steve Petersheim, auct

FRI SEPT 30 - Kling's Sale Barn, Landisburg, Pa Perry Co Invitational Holstein Sale, Kling's Auctions, Inc , Sale Mgrs

OCTOBER

WED OCT 5 - 9 30AM Annual Dairy Show & Sale At the Belleville Livestock Mkt , Belleville, PA Mark Glick, Auct

THURS OCT 6 & FRI OCT 7 - Large Two Day Sale Of Farm Equipt At Marion, Pa Ralph W Horst, Managers, Marion, Pa 17235

SAT OCT 8 - 12 30PM 69 Acre Dairy Farm Located in Bart Twp , Lanc Co , Pa 5 mi S E of Strasburg along Rt 896 H Robert Stottlemyer Estate Aucts Steve & Steve Jr. Petersheim

SAT OCT (- 9 30AM Real Estate 1PM 12 Ac Farmette M/L Loc. 1½ mi N of Rt 340, turn off in Bird-in-Hand on Beechdale Rd , 5 mi. S of Rt 23, turn off on Horseshoe Rd., Loc on corner of Beechdale & Gibbons Upper Leacock Twp , Lanc. Co , PA. Terms by Martin B. Groff. Auct: Robert E. & Jeffrey R Martin.

WED. OCT. 12 - 2PM 129 Acre Farm, Zoned Agricultural In E Drumore Twp , 3 mi S of Quarryville along Rt 222. Terms by Lester H & Mary Ranck. Auct Robert E & Jeffrey R Martin

SAT OCT 15 - Farm Mach , H H , Antiques Located on farm, Rt 322 W. of Ephrata, turn left Clay Rd , turn left onto South Fairview Rd to farm on right Warren F & Jean Bollinger Kline & Kreider, Aucts.

SAT OCT 5 - Fall Farm Equip And Small Items Sale. East of Bethel, Pa Berks Co Consign Now Auct Dwight D Miller 933-5736

FRI & SAT OCT 21 & 22 - 9AM Associated Builders & Contractors Middletown, Pa Construction Equipment & Trucks

SAT OCT 22 - 9AM Collectibles, Antiques, Glassware, much more Located across from Zoars Lutheran Church in Mt Zion, Leb Co , Pa Dwight D Miller, Auct

NOVEMBER

FRI. NOV. 4 - R D #1, Millmont, Pa. San-Be Farms Complete Dispersal, Kling's Auctions, Inc , Sale Mgrs , Wm Kent, Pedigrees

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NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

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LIVESTOCK AUCTION
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Now holding 2 sales each month on 1st & 3rd Fridays

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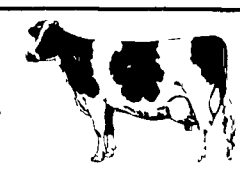

Located 12 Miles East of Lancaster,
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SPECIAL DAIRY SALE CONSIGNMENTS
For
WEDNESDAY, JULY 13, 1988
Helfer Sale Starts At 11:00 A.M.

1 LOAD PUREBRED AND GRADE CANADIAN COWS, FRESH AND SPRINGERS, CONSIGNED BY ROY JOHNCOX.
XXXXXXXX

Also Selling

* 1 load fresh and springer cows consigned by Norman and David Kolb.
* 1 load fresh and springer cows consigned by Merle Brenneman.
* 1 load fresh and springer cows consigned by Marvin Eshleman.
* 1 load fresh and springer cows consigned by Raymond Smucker.
* 1 load fresh cows consigned by Dale Hostetter.
* 1 load fresh cows consigned by Alfred Albright.

PLUS MANY MORE CONSIGNMENTS

For More Information Contact:

Abe Diffenbach 225L
717-354-4341

Norman Kolb
717-397-5538

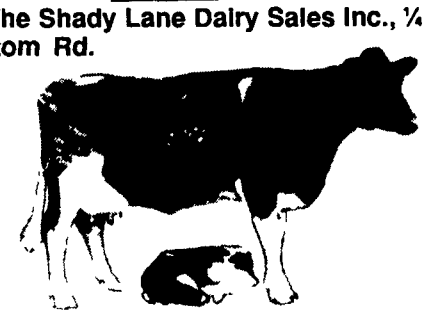
Approx. 265 Head

LARGE COMPLETE HERD DISPERSAL

Approx. 265 Head

Dynasty Holsteins, Kutztown, R.D. 3, Pa.

At The Shady Lane Dairy Sales Inc., ¼ Mile West Of Quarryville Off Rt. 372 On Oak Bottom Rd.



Approx. 265 Head

Hi Grade Holsteins 265

THURSDAY, JULY 14-
10 AM D.S.T.

Please Take Note-- This is a day time sale. Selling first at 10 A.M. D.S.T. approx. 113 head heifers starting with small heifers, which include 22 calves to 4 months, 46 head nice group of heifers 200 to 500 pounds, 20 short bred and a nice group of 25 bred heifers due this summer and fall.

Approx. 12:00 o'clock, approx. 150 head hi grade holstein dairy cows complete herd same herd as above heifers.

Consists of 110 milking cows mostly 2-3-4 yr. olds, several recently fresh, balance all stages.

Special Mention- of interest to base makers. 40 head dry cows due mostly July, Aug., Sept.

A real opportunity to buy from a large herd with a lot of young cattle. 30 day T.B. blood pregnancy checked

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23 Shady Lane,
Quarryville, Pa.

Glenn 717-786-2750 Dave 717-786-1728

P.S. Special Attention - THIS IS A DAY SALE

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Quality Dairy Cows & Heifers on hand at all times. Many just fresh, the rest close springers. Several fancy Purebred cows & first calf heifers with pedigrees. Lots of Fresh Grade cows, some milking 80 to 90 lbs. per day. Some really good big fresh grade heifers - the kind that will work for you. Several really top grade heifers due July, Aug., & Sept. Some open heifers are available.

Stock bulls ——— Purebreds & Grades
Heifer Calves ——— Purebreds & Grades

Farmers- if you need good cows or heifers, come & look for yourself at the Lancaster, PA Farm or Woodsboro, MD Farm. We try to buy the tops from the best herds in several states. N.Y., Maine, WI, New Hampshire, PA, MD, & Canada. New ones arriving daily at both farms.

• PRIVATE SALES DAILY •
Lancaster, PA Farm

NEXT SALE
Thurs., Aug. 4, 1988 - 7:30 P.M.
717-569-6800/569-2106

• PUBLIC SALES MONTHLY •
Woodsboro, MD Farm

NEXT SALE
Thurs., July 21, 1988 - 7:30 P.M.
301-898-7720/898-7663

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